

19990615.qrp v01_n489.qrl.990615

Date: Tue, 15 Jun 1999 19:16:46 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1489

QRP-L Digest 1489

Topics covered in this issue include:

- 1) [42725] A.P.B. On This Guy Please, Lookin` For Him..
by "Andy GM0NWI" <gm0nwi@tesco.net>
- 2) [42726] Cuddly CW!
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 3) [42727] I LOVE YA ALL GUY'S TNX A MILLION!!
by "Andy GM0NWI" <gm0nwi@tesco.net>
- 4) [42728] Re: Dan's 2N2/40 kit
by "M. Monninger" <markem@primenet.com>
- 5) [42729] W/R ANTENNA.... BROADSIDE VERSION OF THIS-A-WAY THAT-A WAY YAGI
by hamjoel@juno.com
- 6) [42730] Six Meter QRP...rx
by Mighty Mik <mitymik@hooked.net>
- 7) [42731] Super-Wire-Kit plus options
by James Skalski <jskalski@localnet.com>
- 8) [42732] RE: Ant Switches: Daiwa, Alpha Delta or MFJ?
by "Ed Tanton" <n4xy@att.net>
- 9) [42733] Fw: [TenTec] FS: TT 240 160 CONVERTER
by "Bill Legge, NT1R" <wlegge1@maine.rr.com>
- 10) [42734] Re: CALLING FREQS
by david fouchey <dafouchey@home.com>
- 11) [42735] De Maw's 75-meter SSB Superhet Circuit
by "Phinizy, William" <wphinizy@filenet.com>
- 12) [42736] Re: Interesting software
by "Henry Knoll" <knoll1003@tc.umn.edu>
- 13) [42737] Re: NON-QRP .. GPS info
by Bob Edwards <w4ed@gis.net>
- 14) [42738] O'scope help?
by Jeff Grudin <grudin@pacific.vdbs.com>
- 15) [42739] ALTOIDS TINS
by Lee Bahr <bahr521@earthlink.net>
- 16) [42740] 4:1 Balun Question
by "Brian Murphy" <brmurphy@netside.com>
- 17) [42741] TT 240 is spoken for. Thanks
by "Bill Legge, NT1R" <wlegge1@maine.rr.com>
- 18) [42742] Re: O'scope help?
by Chris Cartwright Sr <ccart@phideaux.com>
- 19) [42743] Re: Announcement from ARS

- by S LYON <sslyon@worldnet.att.net>
- 20) [42744] Re: Post-op, medication & boxes
by S LYON <sslyon@worldnet.att.net>
- 21) [42745] Twas The Night Before Field Day...(Poem)
by KB90CE@aol.com
- 22) [42746] DSW's arrive in CajunLand & Laser thanks...
by James R Giammanco <n5ib@juno.com>
- 23) [42747] Re: Six Meter QRP
by Harvey Hetland <n6mm@earthlink.net>
- 24) [42748] RE: O'scope help?
by Denton Bramwell <Denton@Bramwell.Org>
- 25) [42749] Re: [42711] Re: The "Calling Frequency" Problem
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 26) [42750] Re: Dan's 2N2/40 kit
by David Hinerman <wd8civ@worldnet.att.net>
- 27) [42751] Re: email browsing?
by David Hinerman <wd8civ@worldnet.att.net>
- 28) [42752] Re: O'scope help?
by David Hinerman <wd8civ@worldnet.att.net>
- 29) [42753] RE: Dipmeter add-on for the MFJ-249/259
by Sam Billingsley <SBillingsley@usaninc.com>
- 30) [42754] QRP-L CD ver. 2 is a hit!
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
- 31) [42755] CANADIAN QRP SPRING BOUQUET----- DX T-SHIRT
by Earl Murphy <earlmurf@telusplanet.net>
- 32) [42756] HamCom 99
by "Paul Harden, NA5N" <na5n@rt66.com>
- 33) [42757] [Fwd: Re: CANADIAN QRP SPRING BOUQUET ----- RESULTS----- RESULTS]
by Earl Murphy <earlmurf@telusplanet.net>
- 34) [42758] HamCom/Hall of Fame
by "Paul Harden, NA5N" <na5n@rt66.com>
- 35) [42759] 6m freq?
by David Kidd <ka7ozo@pacifier.com>
- 36) [42760] Field Day Listings Updated (yet again)
by "Bill Todd" <bill@willapabay.org>
- 37) [42761] Re: O'scope help?
by mikemo@ibm.net
- 38) [42762] OHR WM-2 Wattmeter
by "Art Neilson, KH7PZ" <art@hawaii.rr.com>
- 39) [42763] Lithium Ion Batteries
by gary.threlfall@littlewoods.co.uk
- 40) [42764] O'scope
by "wayne reed" <wlreed@viaduct.custom.net>
- 41) [42765] Re: 6m freq?
by "Dennis & or Jennie" <denjen92@net-link.net>
- 42) [42766] Re: Six Meter QRP
by Zack Lau <zlau@arrl.org>
- 43) [42767] Re: 6m freq?

by "Chuck Carpenter" <w5usj@globeco.net>

44) [42768] =?iso-2022-jp?B?UVJWIGZyb20gGyRCI0kjTyNUI0EbKEIgQVMtMDc5?=
by "Toru Kato" <jg1rvn@inv.co.jp>

45) [42769] Re: email browsing?
by wd8civ@att.net

46) [42770] Re: QRP-L CD ver. 2 is a hit!
by "Paul R. Valko" <prvalko@oakland.edu>

47) [42771] CANADIAN QRP SPRING BOUQUET----- DX T-SHIRT (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>

48) [42772] Re: HamCom 99
by "Chuck Adams K5F0" <adams@ticnet.com>

49) [42773] Re: QRP-L CD ver. 2 is a hit!
by "Chuck Adams K5F0" <adams@ticnet.com>

50) [42774] O'scope Help Summary (Sort of)
by Jeff Grudin <grudin@pacific.vdbs.com>

51) [42775] Re: QRP-L CD ver. 2 is a hit!
by Roger Hightower <n7kt@earthlink.net>

52) [42776] Coming to Seattle...
by "David L. Brunner" <ke0az@zdnnetmail.com>

53) [42777] Re: Indoor antennas
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>

54) [42778] Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET ----- RESULTS-----
RESULTS]
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>

55) [42779] Re: DAFFY
by "Steven Weber" <kd1jv@moose.ncia.net>

56) [42780] Re: Coming to Seattle...
by wd8civ@att.net

57) [42781] Misc,
by Ron Stark <ku7y@dri.edu>

58) [42782] List Attachments (Was Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET -----
RESULTS----- RESULTS]
by "George T. Baker" <w5yr@swbell.net>

59) [42783] NA5N, Hall of Famer
by PDouglas12@aol.com

60) [42784] Re: The "Calling Frequency" Problem
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

61) [42785] Chaco Canyon/QRP/Visitors/SES {long}
by jaywa5whn@juno.com

62) [42786] Re: OHR WM-2 Wattmeter
by "George T. Baker" <w5yr@swbell.net>

63) [42787] capacitor question
by Bruce Rattray <rattray@gpfn.sk.ca>

64) [42788] Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET ----- RESULTS-----
RESULTS]
by Bruce Rattray <rattray@gpfn.sk.ca>

65) [42789] Another O-Scope Question..
by "Phinizy, William" <wphinizy@filenet.com>

66) [42790] No Subject
by ARDUJENSKI@aol.com

67) [42791] Re: capacitor question
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>

68) [42792] 1000 mile award
by ac5ez@webtv.net (Larry B)

69) [42793] BALUN OR NOT
by ARDUJENSKI@aol.com

70) [42794] Re: List Attachments (Was Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET
---- RESULTS---- RESULTS]
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>

71) [42795] Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET ---- RESULTS----
RESULTS]
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>

72) [42796] Re: 1000 mile award
by Ron Stark <ku7y@dri.edu>

73) [42797] Re: DAFFY
by "Chuck Adams K5FO" <adams@ticnet.com>

74) [42798] Re: OHR WM-2 Wattmeter
by mwattcpa@earthlink.net (Marty Watt)

75) [42799] post office..
by sergio <sruiz@bright.net>

76) [42800] 6M Calling Frequencies, Bandplans, etc.
by Frank Alwine <n1gpy@together.net>

77) [42801] Re: Tuna Tin 2
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

78) [42802] Re: OHR WM-2 Wattmeter
by "Art Neilson, KH7PZ" <art@hawaii.rr.com>

79) [42803] Fw: Re: OHR WM-2 Wattmeter
by william h ross <k6mgo@juno.com>

80) [42804] Re: The "Calling Frequency" Problem
by "Chuck Adams K5FO" <adams@ticnet.com>

81) [42805] Re: OHR WM-2 Wattmeter
by "Chuck Adams K5FO" <adams@ticnet.com>

82) [42806] RE: Six Meter QRP
by "Andreas Junge" <andreas@atltech.com>

83) [42807] Re: 6M Calling Frequencies, Bandplans, etc.
by Zack Lau <zlau@arrl.org>

84) [42808] Re: The "Calling Frequency" Problem
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

85) [42809] wtb: straight key..
by sergio <sruiz@bright.net>

86) [42810] MFJ audio redux--low tech solutions
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>

87) [42811] Re: 6M Calling Frequencies, Bandplans, etc.
by "Ed Manuel (N5EM)" <n5em@flash.net>

88) [42812] MFJ Ladder Crystal Filter Book Review de K5FO
by "Chuck Adams K5FO" <adams@ticnet.com>

- 89) [42813] Re: OHR WM-2 Wattmeter
by "John Moriarity" <k6qq@hdo.net>
90) [42814] Re: Six Meter QRP
by "Dennis & or Jennie" <denjen92@net-link.net>
91) [42815] Six Meter QRPers
by "Chuck Carpenter" <w5usj@globeco.net>
92) [42816] EPROM for TNC-2 Need firmware
by ac4ou@mail3.wilmington.net
93) [42817] HamCom Badges
by "Chuck Adams K5F0" <adams@ticnet.com>
94) [42818] Re: Six Meter QRP
by Ron Stark <ku7y@dri.edu>
95) [42819] Re: 6M Calling Frequencies, Bandplans, etc.
by Don Trammell <dtrammel@traveller.com>
96) [42820] Re: 6M Calling Frequencies, Bandplans, etc.
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
97) [42821] Re: OHR WM-2 Wattmeter
by "wayne reed" <wlreed@viaduct.custom.net>
98) [42822] Homebrew QSLs
by Ken Knecht <kenk@primenet.com>
99) [42823] IM-2410
by Norm Melick <henmel@worldnet.att.net>
100) [42824] DAFFY Scoring is Out
by "Chuck Adams K5F0" <adams@ticnet.com>

Date: Mon, 14 Jun 1999 23:54:47 +0100
From: "Andy GM0NWI" <gm0nwi@tesco.net>
To: <Qrp-l@lehigh.edu>
Subject: [42725] A.P.B. On This Guy Please, Lookin` For Him..
Message-ID: <000101beb6b8\$e8324980\$57448cd4@andy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey guy`s

Need help in findin` a friend of mine who has been very absent on the list for a few weeks, either the problem lies here in my e-mails not reachin` him or somethin` his end is wrong, as yet don`t know which...

He goes by the name "Rhore" in his postin`s to the list, his name is Stuart, and I THINK, his call is K5KVH, but not sure on this last note..

IF ANY guy out there EITHER, knows Stuart personally and can get a message

to him that I need to speak with him, please help if you can..

I would be FOREVER in your debt and "much obliged" as they say..

Leavin' that if any guy out there has facilities to check and see on say the Buckmaster CD rom for me that I do indeed have his name and call correct, and that may be able to shed some light on his e-mail address or whereabouts please feel free to contact me with ANY info regardin' this plea...

Thanks again guy's for the help, SORRY it's not totally QRP related.

72s de Andy GM0NWI "Long Live QRP!!"
gm0nwi@tesco.net

Date: Mon, 14 Jun 1999 19:44:12 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [42726] Cuddly CW!
Message-ID: <376593CC.4CBA8E7A@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My pre-VEC experiences were all the the "Custom's House" in Philadelphia, PA. I think old style FCC offices all looked about them same and scared the beejeebers out of most young folks. Maybe one of the best things that has come out of the VEC movement is the process has become a bit more human and conducive to young folks getting into the game.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 15 Jun 1999 00:53:05 +0100
From: "Andy GM0NWI" <gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [42727] I LOVE YA ALL GUY'S TNX A MILLION!!!
Message-ID: <000101beb6c1\$0ce61060\$a1438cd4@andy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

GUY'S

Thanks a million for the blindingly quick response to the A.P.B.
on K5KVH Stuart, all I need to do now is get him to answer my
e-mails...!! (Stuart if you're listenin'..)

Oh ! Guy's you've made my night..

Thanks "Long Live QRP !!"

de Andy GM0NWI gm0nwi@tesco.net

Date: Mon, 14 Jun 1999 17:00:38 -0700
From: "M. Monninger" <markem@primenet.com>
To: wd8civ@att.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [42728] Re: Dan's 2N2/40 kit
Message-ID: <3.0.6.32.19990614170038.00849100@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:52 PM 6/14/99 +0000, wd8civ@att.net wrote:

>Does anyone know if the PC board with the 2N2/40 partial
>kit from Dan's Small Parts is an etched board, or is it
>just a hunk of copper clad for Manhattan construction?
>

I don't think it includes any PC board at all...at least the one I got
didn't. It's the toroids, variable caps, some diodes, and some other parts.
It was KI7MN, not Dan, who was selling the PC boards. They're not etched,
just have silkscreening on them to show where the pads and major components
go. There's also some strips of PC material included to cut the pads from.
I'm not sure if Bob (KI7MN) has any left.

I have the pads all glued down & am about ready to start wiring. Still

missing a few parts that I'll pick up when I have a chance to drop by
TechAmerica.

72/73... Mark AA7TA

Date: Mon, 14 Jun 1999 20:03:45 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [42729] W/R ANTENNA.... BROADSIDE VERSION OF THIS-A-WAY THAT-A WAY YAGI
Message-ID: <19990614.200346.-275821.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi peoples of the qrp-1... and u 2 Bruce.... hee hee

Well after sitting down to some delicious aligator tail and shrimp
et-two-fay I got to thinking... this yagi (3 element .2wave spacing for
twenty) is pointed NE AND I done worked over 13 countries with it in a
weak or sew.... I figured I got enough room on the sied of it to put one
just like it pointed toward the lower 47..... and new zeland moe or
less...

I guess a w8jk ant might work just as well and be a bit less bother...
but I done had mixed success with that antenna and I figuer iffin I can
mess it up before I can mess it up after.... soes I'll stay with this
yagi for a while longer....

my biggest antenna problem so far is having a tree that will stay in the
air longenough for me to get my antenna up.... hee hee

My cajun mama says hi y'all.... I'll rite moe when I got the ant up....
joel kella
in maine
one displaced cajun
back to his ruts

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 14 Jun 1999 17:05:43 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>

Subject: [42730] Six Meter QRP...rx
Message-ID: <376598D7.1D239D2D@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

and if you don't have a Ten Tec transverter yet...you can make a 'junk box converter' with a 40MHz clock and a NE602 (and a few other parts). (The converter was covered in Jan '97 QST).

I even heard KC7MG in AZ working 6 landers this morning.

maybe one of the upcoming projects may address my lack of 6 meter gear...

--

@@
72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2

Date: Mon, 14 Jun 1999 20:11:21 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-l@Lehigh.EDU
Subject: [42731] Super-Wire-Kit plus options
Message-ID:
<Pine.LNX.4.04.9906141911100.2581-100000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First there was a resistor kit, then there was a capacitor kit....
For a limited time there will be a super duper wire kit

Kit includes the following:

- * 5- fifty foot rolls #22 silver plated, stranded teflon wire (5 colors)
- * Magnet Wire -- 10 feet of each of the following sizes:
#20, #22, #24, #26, #28, #30, #31

- * 5 feet of Buss wire in #18 and #20 gauges
- * plus 10 feet of the following solid copper conductor tinned hookup wire:
 - #18 red, #20 vio, #22 brn, #24wh, #24blk
- * 5 feet nichrome wire
- * 6 feet of RG-174 mini coax
- * 5 feet RG-196AU 50 ohm mini teflon coax
- * 1/8" plug on 3 foot two conductor gray cable (for keys ,speakers etc)
- * pair of 1/4" stereo panel mount jacks with hardware (for paddles/phones)
- * Pair of sub mini plugs (two piece)

*****All of the above \$20 including priority mail shipping*****

#####OPTIONS*****

MOSFET OPTION includes four RCA 40673 dual gate mosfets add \$10 to above

PARTS OPTION including:

- 2- MPF-102 FETS
- 10- 2N3904 npn transistors
- 10- 2N3906 pnp transistors
- 2- new Raytheon 70-1-2 knobs
- 8- 2 watts 100ohm carbon resistors with instructions
to make a 16 watt 50ohm dummy load
- 10- LED diodes
 - 20 axial xicon caps
 - 10- 4.7 uF electrolytics
 - 10- .47 tantalum caps
 - 10- 4.7 Tantalum caps
 - 10- 10uf Tantalum caps
 - 20- .047 ceramic caps
 - 10- 82 pf ceramic
 - 10- .01 ceramic caps
 - 20- .05 ceramic caps
 - 10- .1 ceramic caps
 - 10- 50pf ceramic caps
 - 10- .022 ceramic caps
 - 1- centralab PA1011 4pol 2 pos non shorting switch

all above new add \$10 to super kit

If interested tell me what options if any and I will tell you what I have left. I think these are pretty good deals and will go on a first come first served basis.

73,

Jim n2go

Date: Mon, 14 Jun 1999 20:19:40 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <n3ysi@easy-pages.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [42732] RE: Ant Switches: Daiwa, Alpha Delta or MFJ?
Message-ID: <000101beb6c4\$c248d1b0\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

No offense Kevin, but B&W switch's isolation sucks. Their problem(s) aren't resistance but crosstalk from the other antennas into the rcvr/xcvr connection. It cannot begin to compare to the isolation provided by the several mfgs of coaxial cavity switches-preferably (for me) Daiwa. All of the "stuff" from the antennas on the other positions feed over into your rcvr-at a low level admittedly... but it's there. Simply try grounding the position you've selected, and listen to all the stuff feeding through.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770) 971-0436

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

Time flies like an arrow. Fruit flies like a banana.

... Groucho Marx

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Date: Mon, 14 Jun 1999 20:41:58 -0400  
From: "Bill Legge, NT1R" <wlegge1@maine.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [42733] Fw: [TenTec] FS: TT 240 160 CONVERTER  
Message-ID: <199906150023.UAA05172@proxyb2-atm.maine.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

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> From: Bill Legge, NT1R <wlegge1@maine.rr.com>  
> To: TENTEC@contesting.com  
> Subject: [TenTec] FS: TT 240 160 CONVERTER  
> Date: Monday, June 14, 1999 7:19 PM  
>  
>  
> HI,  
> I have a Model 240 which is a 160 meter converter for the Triton series  
for  
> \$50 plus shipping. 73 Bill Legge, NT1R in Yarmouth, ME  
> QRP-L #912  
>  
> --  
> FAQ on WWW: <http://www.contesting.com/tentecfaq.htm>  
> Submissions: [tentec@contesting.com](mailto:tentec@contesting.com)  
> Administrative requests: [tentec-REQUEST@contesting.com](mailto:tentec-REQUEST@contesting.com)  
> Problems: [owner-tentec@contesting.com](mailto:owner-tentec@contesting.com)  
> Search: <http://www.contesting.com/km9p/search.htm>  
>

-----

Date: Mon, 14 Jun 1999 20:35:54 -0400  
From: david fouchey <dafouchey@home.com>  
To: w1rfi@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [42734] Re: CALLING FREQS  
Message-ID: <37659FEA.497B4FE8@home.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ed that sounds like an excellent idea to me, listening on 7.040 is frustrating to say the least.

dave  
WA4EMR

"Ed Hare, W1RFI" wrote:

>  
> ARDUJENSKI@aol.com wrote:  
>  
> > AC6V is one of the most bookmarked sites for ham links. In viewing the QRP  
> > calling frequencies site I am not sure if these are correct. If not we may  
> > want to advise AC6V so corrections could be made:  
>  
> > See <http://www.ac6v.com/pagecall.html> Alan KB7MBI  
>  
> I only know the 80,40,20,15 and 10 M CW calling freqs. :-)  
>  
> But this all brings to mind that I wonder if we don't want to try to  
> change the 40 M calling frequency? I have been on 7040 kHz a lot the  
> past week or two, and every evening I am getting creamed by DX RTTY and  
> SSB. I notice that the DX RTTY calling frequency is also 7040 kHz.  
>  
> With the band useage changing as more and more digital operating comes  
> into play, would it make sense to move the US QRP calling frequency to  
> 7030 kHz, to coincide with the DX QRP calling frequency? If the QRP  
> community agrees, this would probably be best handled through QRP ARCI.  
>  
> Comments?  
>  
> 73,  
> Ed Hare, W1RFI

-----  
Date: Tue, 15 Jun 1999 01:52:42 +0100  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'QRP-1 Mailing List'" <qrp-1@Lehigh.edu>  
Subject: [42735] De Maw's 75-meter SSB Superhet Circuit  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE0175@hq-expo2.filenet.com>

I wonder if anyone has built the 75-meter SSB Simple Superhet circuit by Doug De Maw in the QRP Classics? I got a boards from Far's and built it up for 40. I used 11.9808 MHz (o.k., 12 Mhz) crystals for the filter and the IF

and built a 4.5- to 5.5 MHz VFO. I adjusted the inductor values in the front end bandpass filter for 40, etc. When I "swept" the filter, it looked great -- 3 db points were at 7.0 and 7.5 MHz with no dual peaks and the VFO was clean and stable with a whole bunches of output. But I seem to be getting RTTY signals around 7040 KHz -- sort of like BCI -- and there was God's own birdie at about 7100 KHz -- even after I reduced the VFO output.

I guess what I am really asking for is a commentary on the "goodness" of the circuit. I had heard bad things about dual-gate mosfet mixers. And, while I am doing this as a learning exercise, I would appreciate anyone pointing out a better circuit to learn on -- at least one with a little more satisfying results.

Just thought I'd ask..

..my thanks in advance.

-----  
Date: Mon, 14 Jun 1999 19:57:25  
From: "Henry Knoll" <knoll1003@tc.umn.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [42736] Re: Interesting software  
Message-ID: <iss.1462.3765a4ec.4f883.1@gold.tc.umn.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>"Jean Jibouleau" <jiboulj@globetrotter.net> wrote:

>I have been following this discussion with great interest.  
>May be there are some of you that dont know "Circuit Maker". With this  
>program one can draw schematic and make Winspice calculation. I am new to  
>this software and I dont understand everything but the Student version is  
>free and it has enough power for what could come to my mind.  
>Here is the url : <http://www.microcode.com/DEMOS.HTM>

If some of you, like me, have your images turned off on your browser,  
a better URL is:

<http://www.microcode.com/student.htm>

That will get you right to the student version.

Henry WA0G0Z

Date: Mon, 14 Jun 1999 20:59:07 -0400  
From: Bob Edwards <w4ed@gis.net>  
To: mgipe@reliablemeters.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [42737] Re: NON-QRP .. GPS info  
Message-ID: <3765A55B.C5254E90@gis.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

```
"Michael A. Gipe" wrote:  Joel --
> Make sure you are comparing the same location formats.  Locations are
> sometimes expressed in degrees/minutes/seconds, and sometimes as
> decimal degrees.
```

Also, some cheap scientific calculators will convert between them. My RS # EC-4031 has a key [.'"] the allows direct entry of degrees, min, and sec with deciaml fraction. The "sec" fraction is very significant. You'll probably need to use the "sec" fraction for ARS/BB GPS waypoints.

```
--
                                /|
                               / |
          Bob    72/73        /  |
        email, w4ed@amsat.org | / | \
http://www.qsl.net/w4ed      /| /  E | \
        nr Atlanta @EM73wt  /_ | /____|__ \_
...."QRP, more from less".... [ \ --===== -/

```

Date: Mon, 14 Jun 1999 18:04:37 -0700  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [42738] O'scope help?  
Message-ID: <3765A6A5.40348C0A@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

A friend has offered to give me his old O'scope. I haven't seen it, but it sounds pretty good. It is a Tektronix 2215A 60 MHz. He says it works fine but the display needs focusing (beyond the knob on the front).

Does anyone know anything about this scope? Is it any good. Any Idea how to fix the focus problem? A service manual?

The price sure is right. I will need to use my old scope probes, which are 40MHz, or find some 60MHz ones.

--

73 de AC6KW <mailto:grudin@vdbs.com>  
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----  
Date: Mon, 14 Jun 1999 20:38:04 -0500  
From: Lee Bahr <bahr521@earthlink.net>  
To: qrp-l@Lehigh.EDU  
Subject: [42739] ALTOIDS TINS  
Message-ID: <3765AE7C.33C99C2E@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I went to Sam's Club today and noticed they had the VERY LARGE TINS and three types of small tin Altoids mints. They had the standard Red Altoids tin Mints. They had Green tin Altoids "Curiously Strong Wintergreen", and they had another brand of English mints in a third similar tin. There are 6 tins to a case. Now let's see, if one would purchase a case of each, one would have 18 project boxes to fill with QRP projects. Anyone want a mint?  
Lee Bahr w0vt Houston

-----  
Date: Mon, 14 Jun 1999 21:51:08 -0400  
From: "Brian Murphy" <brmurphy@netside.com>  
To: qrp-l@lehigh.edu  
Cc: n2tpa@juno.com  
Subject: [42740] 4:1 Balun Question  
Message-ID: <199906150147.VAA24218@mx.logicsouth.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit



Content-Transfer-Encoding: 7bit

Jerry Sevick's recent book from CQ Communications on transmission line transformers offers much analysis and advice on these baluns. Summarizing, he says the key is keeping the impedance of the wires used to wind the toroid at the consistent and proper value and offers additional advice on frequency response as well as the proper value of impedance. You should look at it.

hope this helps!

-----

>From: qrp-1@Lehigh.EDU  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: QRP-L digest 1488  
>Date: Mon, Jun 14, 1999, 7:18 PM  
>

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
> Bill B Lazure  
> Sent: Monday, June 14, 1999 3:32 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: 4:1 Balun Question  
>

> Antenna Gurus,

>

> I've been playing with an antenna for a few weeks that has  
> approximately 13 ohms at the feedpoint. I built some 4:1 toroidal baluns  
> to match these antennas to 50 ohm feedline.

> At lower freqs, up to 20 meters, these work fine. As the frequency  
> rises above that, they show higher and higher reactance; rising to the  
> point that at 10 meters, I can't get lower than a 2:1 SWR.

> I assume that either the parallel reactance of the two windings, or  
> the inductive reactance of the core is what's causing this. I simply  
> can't figure out which and what to do about it.

> Any ideas?

>

> 73,

>

> Bill

> W2EB

> Syracuse, NY

-----

Date: Mon, 14 Jun 1999 22:17:21 -0400  
From: "Bill Legge, NT1R" <wlegge1@maine.rr.com>  
To: <tentec@contesting.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [42741] TT 240 is spoken for. Thanks

Message-ID: <199906150158.VAA11788@proxyb2-atm.maine.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bill Legge, NT1R in Yarmouth, ME  
QRP-L #912

-----  
Date: Mon, 14 Jun 1999 22:12:14 -0400 (EDT)  
From: Chris Cartwright Sr <ccart@phideaux.com>  
To: Jeff Grudin <grudin@pacific.vdbs.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [42742] Re: O'scope help?  
Message-ID: <Pine.LNX.4.04.9906142201020.29095-100000@dns.phideaux.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 14 Jun 1999, Jeff Grudin wrote:

> fine but the display needs focusing (beyond the knob on the front).

Jeff,

>From long ago and far away :) I seem to remember "focusing rings" on older TV's. It was a slightly magnetized ring, slid on the tube just ahead of the deflection coil. Usually two or three rings with a tab sticking out so you could "twist" them around the neck of the tube. They were "glued" in place with what looked like paint, and took a little oomph to break them free.

Pardon my french, but as I remember this was the biggest pain in the a\*\* (next to pincusion on a color set) adjustment you could try to make. They interact, and just because the lower left of the screen was focused, didn't mean the upper right would be OK. Whatever you do, mark the ring with pencil, and then mark on the CRT where they started. I think you can move the beam completely off the screen with these, never to be seen again:)

And of course, I could be completely wrong <grin>

72 es gl

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --

-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Mon, 14 Jun 1999 22:37:21 -0400  
From: S LYON <sslyon@worldnet.att.net>  
To: russ@natworld.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [42743] Re: Announcement from ARS  
Message-ID: <3765BC61.FDC60627@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

GREAT NEWS!! ...can't wait for the focus on QRP reviews -and perhaps the benefit of stereoscopic view of some rigs??? (hint, hint) Wish you folks great success in your very ambitious effort on our behalf. Thank you in advance!

72  
AA1MY

--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Mon, 14 Jun 1999 22:53:38 -0400  
From: S LYON <sslyon@worldnet.att.net>  
To: nilsbull@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [42744] Re: Post-op, medication & boxes  
Message-ID: <3765C032.D1220C51@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Welcome back among the living, Nils! Have some insight to your status... having fallen off a roof a few years ago, bla bla... Sure gives occasion to re-evaluate lots of life's vectors in 4-D, ja? Also a useful

alternative to the ever popular "senior moment" cop-out during those awkward lapses. Heal quickly and hope to hear more re travels and "... travel boxes..."

72

-s-

Nils R Young wrote:

>

> Gang,

>

> Those who have had abdominal surgery will understand. Except for them  
> what "ain't got time to bleed."

--

'Seab' Lyon - AA1MY

Beacon NY USA FN-31

QRP-L 574 ARCI 9253

-----  
Date: Mon, 14 Jun 1999 23:01:50 EDT

From: KB9OCE@aol.com

To: qrp-l@lehigh.edu

Subject: [42745] Twas The Night Before Field Day...(Poem)

Message-ID: <20353787.24971c1e@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Twas The Night Before Field Day  
by Mike Truax, kb9oce

Twas the night before Field Day  
At my humble, little shack.  
It smelled like ozone,  
I heard the XYL crack

The scent of charging batteries  
Really filled the shack's air  
I had more than enough charging;  
I was loaded for bear!

Then I heard some loud static  
On 40 meters coming in  
'Twas a rather strong signal  
>From none other than Na5n

It was our Propagation Guru Paul  
With his Solar Storm Update  
"Things look pretty good" he said  
"The bands are doing great"

Then through all the hash  
I heard aome cw chatter  
It was my ol' buddy Adam  
N7ya, his qth in Nevada

Soon Yasuo, J2amr  
>From Nagoya Japan  
Had his signal booming here  
So I tried to break in

Then the Reverend George Dobbs  
Called from across the sea  
Again I tried to break in  
My tries went unsuccessfully

The pileup had gotten way out of hand  
The pileup now covered the 40 meter band  
I went back to work, getting ready you know  
The truck was all loaded, I was ready to go

Then I heard one more signal  
Break through the crowded band  
'Twas n3sei, my big brudder  
Calling from Pennsylvania land

I tried to respond, he never heard me  
He got covered up by Wayne, w2nsd  
Wayne Green was calling the famous Art Bell  
Probably 'bout something he was trying to sell

I finally gave it up, then headed for bed  
My wife was there all sound asleep  
She was snoring so softly, but wait...  
She was snoring cw in her sleep!

Alas, I must give this up...  
It's really getting to me.  
So we'll say goodnight and 73  
>From Mike, kb9oce

73,  
Mike Truax

Portage, IN

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-----  
Date: Mon, 14 Jun 1999 20:58:24 CDT  
From: James R Giammanco <n5ib@juno.com>  
To: qrp-1@Lehigh.edu  
Subject: [42746] DSW's arrive in CajunLand & Laser thanks...  
Message-ID: <19990614.205835.7511.0.N5IB@juno.com>

Got the office to find a Priority Mail box with BOTH my DSW20 and DSW40 board kits .... they look great Dave...

Now, which to do first?? Unfortunately the summer teacher workshop has begun and I'm talking astronomy all day and umpiring little kid's baseball half the night..... got to find some time to build

BTW ... thanks to all who responded with info on the laser stuff... I'm wiring up a kluged version for the other instructor in our workshop to use tomorrow... then will research the info you folks provided and do up a more elegant version.

72  
Jim N5IB

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Tue, 15 Jun 1999 02:59:45 -0700  
From: Harvey Hetland <n6mm@earthlink.net>  
To: qrp-1@Lehigh.EDU  
Subject: [42747] Re: Six Meter QRP  
Message-ID: <37662411.60E0@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bryan Turner, W8LN, mentioned his joy of 6m QRP during the recent ARRL

VHF QSO Party. There is a 6m only contest this coming weekend sponsored by SMIRK (see June QST or <http://www.smirk.org/> for rules). Last weekend I used a Sierra to drive a Ten-Tec model 1208 20m to 6m transverter which produced 8 watts output as measured on an OHR WM-2 wattmeter, so I backed the power down on the Sierra to get only 5 watts.

One note of caution ... check the band plan for the VHF and UHF bands when operating them. I have never operated much VHF or UHF and I was operating only CW. I soon noticed a SSB signal that seemed to be following me around the band. I sent QRZ? The timing was correct. I said, "Sorry, I cannot copy". More SSB stuff. I elaborated, "I cannot copy SSB". The Sierra can normally only copy LSB when the bandpass is opened up and USB is used on 6m. The SSB operator switched to CW and admonished me for violating the bandplan. I had to ask twice, but he finally advised me as to the "new bandplan" for 6m, namely 50.100 to 50.150 MHz was reserved for a DX window for contacts "outside of North America".

Since most of the CW QSOs I was finding were in this DX window and I could not go above 50.150 MHz without tweaking the Sierra's VFO, I was sorta bummed out and out of luck. It is rather odd that many of the 6m CW operation was not in the CW subband.

Lehigh University List Server wrote:

```
>
> Archive QRP-L, file welcome.txt.
> Part 1/1, total size 8922 bytes:
>
> ----- Cut here -----
>
>               Welcome to the Internet QRP mailing list!
>
> CONTENTS:
>
>     1. Introduction
>     2. The Essentials
>     3. Common List Server Commands
>     4. QRP-L Unique List Server Commands
>     5. FTP Archive
>     6. WWW HyperMail Archive
>     7. QRP-L History
>
> 1. INTRODUCTION
>
>     The QRP mailing list is open for discussion of any subjects relating to
>     low-power amateur radio operation. Example topics: portable operation,
>     equipment design and construction, solar and battery power, QRPp,
```

> contesting, kit building, ... There is one topic that should not be  
> discussed on QRP-L: The Dayton HamFest. There is a separate list for  
> that: DAYTON-L@Lehigh.EDU.  
>  
> 2. THE ESSENTIALS  
>  
> \* COMMANDS TO THE LIST SERVER  
>  
> Must be sent to listserv@Lehigh.EDU in the BODY of the mail message,  
> not in the Subject: of the message. Leave the Subject: blank or type  
> in an "X" if your system requires.  
>  
> \* POSTING TO THE LIST  
>  
> Messages you wish to have distributed to the list must be sent to  
> qrp-l@Lehigh.EDU.  
>  
> \* OTHER STUFF  
>  
> A copy of this file is available in QRP-L/WELCOME.TXT. Hopefully an  
> up-to-date Frequently Asked Questions (FAQ) file will soon be available  
> to supplement or replace this file. Watch for an announcement on the  
> list.  
>  
> Please keep your mailing address up to date. If your e-mail address is  
> to be changed please unsubscribe and resubscribe from the new address.  
> If your mail bounces for 'no such user' or 'no such machine', you will  
> be removed from the list. Please try to subscribe from a system that  
> doesn't send periodic 'I couldn't deliver the mail for 1 hour/3 hours/  
> 1 day/etc.' messages as it makes it that much more difficult to manage  
> the list.  
>  
> Please do \*not\* send subscribe/unsubscribe requests to the entire list.  
> If you are having problems, send email to:  
>  
> Jim Eshleman <lujce@Lehigh.EDU>  
> or  
> Chuck Adams <adams@sgi.com>  
>  
> 3. COMMON LIST SERVER COMMANDS  
>  
> Remember, all these commands must be sent to listserv@Lehigh.EDU in the  
> BODY of the mail message, NOT in the Subject: of the message.  
>  
> \* GETTING ON THE LIST  
>  
> SUBSCRIBE QRP-L your\_name your\_call  
>



> where "your\_name" is your real name, and "your\_call" is your callsign,  
> if any. For example:  
>  
> SUBSCRIBE QRP-L John Doe K5FJZ  
>  
> \* GETTING OFF THE LIST  
>  
> UNSUBSCRIBE QRP-L  
>  
> \* SUBSCRIBING TO THE DAILY DIGEST  
>  
> If you'd rather receive one e-mail a day containing all the postings  
> with a table of contents at the beginning, use this command after you  
> have subscribed to the list. Warning: The daily digests are large.  
> You also use this command to start receiving digests again after having  
> postponed your subscription.  
>  
> SET QRP-L MAIL DIGEST  
>  
> \* POSTPONING YOUR SUBSCRIPTION  
>  
> If you're going on vacation, or you just want to stop receiving QRP-L  
> for awhile but still want to remain a member of the group, use this  
> command. You'll still appear on the recipients list, but will receive  
> no mail.  
>  
> SET QRP-L MAIL POSTPONE  
>  
> \* RECEIVING INDIVIDUAL POSTINGS  
>  
> Use this command to start receiving individual postings after having  
> subscribed to the digest or postponed your subscription. This is the  
> default set when you first subscribe to QRP-L.  
>  
> SET QRP-L MAIL ACK  
>  
> \* GETTING A LIST OF SUBSCRIBERS  
>  
> Use this command to receive a list of all QRP-L subscribers. The list  
> includes each subscribers name, e-mail address, and call.  
>  
> RECIPIENTS QRP-L  
>  
> \* OBTAINING A FILE INDEX  
>  
> To receive a list of all QRP-L related files available via the list  
> server, use this command. Note that all the files are also available  
> via the anonymous FTP server at ftp.Lehigh.EDU.

```

>
> INDEX QRP-L -ALL
>
> * RETRIEVING A FILE
>
> Use this command to retrieve a file via the list server. If the file
> is a binary file it will be UUEncoded before being sent.
>
> GET QRP-L/subdirectory filename
>
> For example, to retrieve the daily archive (all the list messages) from
> April 6, 1993 use the following command:
>
> GET QRP-L/ARCHIVES/1993 930406
>
> * SEARCHING THE ARCHIVES
>
> You can search the list archives (files) for a "regular expression"
> pattern. If you don't know what that means, you can just specify a
> word. All files in the specified archive (directory) are searched.
> While the search is case insensitive, the server seems to have trouble
> at times with uppercase letters in the pattern, so please use all lower
> case characters. The output returned to you just shows the lines in
> each file that matched the pattern. You then have to GET the file(s)
> you want. Send a HELP SEARCH command for more information.
> For example:
>
> SEARCH QRP-L/ARCHIVES/1995 "^subject:&administrivia"
>
> returns the following output:
>
> Matches for pattern ^subject:&administrivia ...
>
> --- Archive: Archives (path: qrp-l/Archives/1995)
>
> >>> File 950522:
> Subject: Administrivia
> <<< End of matches in file 950522
>
> >>> File 950525:
> Subject: Administrivia: Digests
> Subject: Administrivia: lost mail
> Subject: Re: Administrivia: lost mail
> <<< End of matches in file 950525
>
> >>> File 950601:
> Subject: Administrivia: Digest format
> <<< End of matches in file 950601

```

```

>
> * OTHER LIST SERVER COMMANDS
>
> For more information on all the available list server commands, try
> sending the following:
>
>     HELP
>     HELP TOPICS
>
> and for more detailed information on a specific command, like GET:
>
>     HELP GET
>
> 4. QRP-L UNIQUE LIST SERVER COMMANDS
>
> * OBTAINING A QRP-L MEMBER NUMBER
>
> Use this command to obtain a QRP-L member number.
>
>     RUN QRP-L X GETNR callsign
>
> where "callsign" is your callsign. Use the word NONE if you don't
> yet have a callsign. The list of assigned member numbers can be had
> via the command:
>
>     GET QRP-L/MISC MEMBER_NUMBERS.TXT
>
> * RECIPIENTS SORTED BY CALL AREA
>
> This command runs Smitty's qrp_call program, which returns a report of
> QRP-L subscribers sorted by call within call area.
>
>     RUN QRP-L X QRP_CALL
>
> A PC version of the program is available in QRP-L/TOOLS/QRP_CALL.ZIP.
> It uses the output of the list servers RECIPIENTS QRP-L command as input.
>
> * GREAT CIRCLE DISTANCE
>
> You can compute the great circle distance between a pair of Lat/Long
> locations. For example:
>
>     RUN QRP-L X GC 40.3476N75.2046W 32.4700N96.4800W
>
> returns:
>
>     Bearing is 252 Degrees for 1130 Nautical Miles = 1300 Miles = 2092 Km
>

```

```

> * LOOKUP A CALL IN THE FCC DATABASE
>
>     RUN QRP-L X FCC_CALL callsign
>
>     where "callsign" is the call you wish to lookup.
>
> * GREAT CIRCLE DISTANCE BETWEEN TWO CALLS
>
>     RUN QRP-L X CALLS2DIST callsign1 callsign2
>
>     For example:
>
>     RUN QRP-L X CALLS2DIST N3VXI K5FO
>
>     returns:
>
>         N3VXI  ZIP = 18055
>         K5FO   QTH = ADAMS, CHARLES N
>                BOX 181150
>                DALLAS                TX  75218-8150
>
>         N3VXI  Lat/Long = 40 34 46 N  75 20 28 W
>         K5FO   Lat/Long = 32 47 00 N  96 48 00 W
>
>         Output from "gc 40.3476N75.2046W 32.4700N96.4800W":
>
>         Bearing is 252 Degrees for 1130 Nautical Miles = 1300 Miles = 2092 Km
>
> 5.  FTP ARCHIVE
>
>     The anonymous FTP archive at ftp.Lehigh.EDU in pub/listserv/qrp-l mirrors
>     the files available from the list server.  Or use a WWW browser:
>
>         ftp://ftp.lehigh.edu/pub/listserv/qrp-l
>
>     Note that files are compressed, i.e. end with .Z, but if you ftp without
>     the .Z extension, the file will automatically be uncompressed.
>
> 6.  WWW HYPERMAIL ARCHIVE
>
>     You can read the postings to the list via the URL:
>
>         http://www.lehigh.edu/lists/Archives/qrp-l
>
> 7.  QRP-L HISTORY
>
>     This list was started by Chuck Adams,K5FO,(adams@sgi.com) by an
>     announcement on the rec.radio.amateur.misc USENET group in early 1993.

```

> Bruce Walker, WT1M, maintained the mailing lists and FTP area from then  
> through August 1994 on a system at Thinking Machines Inc, Think.COM.  
> Then it was moved to qrp-l@netcom.com until May 14th, 1995. Thanks to  
> Mike Ardai, N1IST, for all his hard work during the time that QRP-L was  
> on netcom.com.  
>  
> Chuck is still the keeper of the non-electronic archives, including copies  
> of some schematics, etc. Contact him directly or watch this list for more  
> info.

> -----  
>  
> ----- Cut here -----

I had only gotten on to test a new setup for supporting a pushup mast  
off of my pickup truck during the last three hours of the QSO Party. I  
had it setup in my driveway and I was operating from a gel cell.  
However, it had become fun. Since my OHR-400 had the same frequency  
range problem I unboxed the Ten-Tec Scout I had packaged in anticipation  
of selling it and turned the power all the way down. This gave me SSB  
as well as CW and allowed my to surprise an old friend who was convinced  
I did not own any microphones. Well, I seldom admit to owning any, hi.

Some Internet research after the contest revealed that the Southern  
California 6m band plan is handled by SCRRBA <http://www.sccrba.org/>  
where the 6m band plan is that adopted by the ARRL Board of Directors in  
1990, namely a DX window of 50.100 to 50.125 MHz. The rules for the  
ARRL VHF QSO Party specify the same segment as the DX window. A check  
of the rules for the SMIRK 6m contest next weekend specifies a DX window  
of 50.100 to 50.150 MHz. If you surf the SMIRK web site, their Board is  
advocating a DX window of 50.100 to 50.200 MHz. Gosh, that is more  
space than is typically available exclusively for DX on a given HF  
band. I believe only 160m of the HF bands has a "DX window" specified  
and it is only about 10 kHz.

Also be aware that the 6m community defines DX a bit more exclusively  
than do most amateurs. For them DX is "intercontinental  
communications", i.e. KL7, XE, TG, TI, V3, CO, VP2E, KP4, etc. are  
apparently NOT considered DX under their definitions as they would be in  
the CQWW DX and ARRL DX tests.

Sorry to be so long winded, and I do not mean to discourage trying a QRP  
to transverter approach. It might be helpful to review the band plan  
while developing your approach to trying 6m. Back to the woodwork.

73, Harvey, N6MM. QRP ARCI #51 (honest)

-----

Date: Mon, 14 Jun 1999 21:32:02 -0600  
From: Denton Bramwell <Denton@Bramwell.Org>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [42748] RE: O'scope help?  
Message-ID: <FF21B1073C02D311B75C0060B0A1F6AA014C35@KAYAK>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

>>A friend has offered to give me his old O'scope. I haven't seen it, but it sounds pretty good. It is a Tektronix 2215A 60 mHz<<

Wow! What a friend.

The trace on any of the modern 465/475/2215/etc. portables is never terribly crisp. In order to get good sensitivity, the tube uses an expansion mesh, which sacrifices some trace width.

If your focus and astig controls are properly set, you've got the best the scope can do.

Manual can be obtained from Deane Kidd, W7TYR.

You need probes much better than you have indicated you intend to use. I suggest something in the 200 MHz range if you don't want the probes to degrade bandwidth. Ask Deane if he can get you the original probe. Tek portable scopes were spec'd to the probe tip, while plug-in models were spec'd at the BNC connector.

-----  
Date: Mon, 14 Jun 1999 20:41:06 -0700 (PDT)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>  
To: jskalski@localnet.com  
Cc: kd7s@psnw.com, qrp-l@Lehigh.EDU  
Subject: [42749] Re: [42711] Re: The "Calling Frequency" Problem  
Message-ID: <199906150341.UAA10649@netcom16.netcom.com>

I've been suggesting that some of the "refarmed" frequencies from the Novice bands be used to provide a low power preserve, instead of more 'phone frequencies. 10W would be more acceptable, though, I think.  
73, doug

Date: Mon, 14 Jun 1999 16:37:39 -0400 (EDT)  
From: James Skalski <jskalski@localnet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

I see the problem this way....

When you look for a frequency to transmit on ; you look for a clear or quiet frequency. It just so happens that qrp stations will put out weak signals and the frequency seems relatively empty. If we move to 7030 the same thing will happen there.

I propose that a 20khz band segment be set aside for experimental low power purposes with a maximum output of one watt. Any support for this idea?

73,

Jim n2go

-----  
Date: Mon, 14 Jun 1999 23:34:14 -0400  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [42750] Re: Dan's 2N2/40 kit  
Message-ID: <3.0.6.32.19990614233414.0079c2f0@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:09 PM 6/14/99 -0400, you wrote:

>At 08:52 PM 6/14/99 +0000, you wrote:

>>Folks,

>>

>>Does anyone know if the PC board with the 2N2/40 partial

>>kit from Dan's Small Parts is an etched board, or is it

>>just a hunk of copper clad for Manhattan construction?

>>

>>Dave, WD8CIV

>>

>Dave....I don't see any reference to a PC board in the partial

>kit on Dan's web page. Where are you looking?

Jim,

Uhhh... this is a family group. Can I take the Fifth Amendment? (Grin)

Seriously, I never did see mention of a board. Just hallucinating again, I suppose.

>PS....the Arizona QRP gang are offering a 5x7 PC board with the  
>location of the pads and major components silk screened on it.  
>It's an enlarged version of the layout on page 13 of the Winter  
>QRPP.

Now -that- sounds like a good idea. Thanks!

Dave, WD8CIV

-----  
Dave Hinerman - WD8CIV

-----  
Date: Mon, 14 Jun 1999 23:41:45 -0400  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [42751] Re: email browsing?  
Message-ID: <3.0.6.32.19990614234145.0079e880@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 11:14 AM 6/15/99 +1000, you wrote:

>I haven't seen any response on QRP-L to this so I'll chip in.  
>I'm stuck behind a corporate firewall so retrieving Web pages via e-mail  
>is Standard Operating Procedure for me.

David,

Thank you! Believe it or not, our firewall doesn't seem to have a problem with FTP, NNTP, or anything but HTTP. And then it only blocks certain sites because they're on somebody's hit list. They have various categories, such as "sports/leisure," "firearms/explosives," and other less savory passtimes. I tried to follow a link to one site and it was blocked for just about everything. (Paranoia.com, in case anybody is curious.)

But usefule sites like home.att.net (my own page), tripod.com (Jim K's excellent 2N2/40 site), and even www.arrl.org are blocked for "sports/leisure." I guess keeping up on the latest communcation technology isn't part of my job description.

Sorry for the rant... back to net.

Dave, WD8CIV



-----  
Dave Hinerman - WD8CIV

-----  
Date: Mon, 14 Jun 1999 23:52:07 -0400  
From: David Hinerman <wd8civ@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [42752] Re: O'scope help?  
Message-ID: <3.0.6.32.19990614235207.007a4100@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:12 PM 6/14/99 -0400, you wrote:

>On Mon, 14 Jun 1999, Jeff Grudin wrote:

>

>> fine but the display needs focusing (beyond the knob on the front).

>

>Jeff,

>

>>From long ago and far away :) I seem to remember "focusing rings" on  
>older TV's. It was a slightly magnetized ring, slid on the tube just  
>ahead of the deflection coil.

Chris,

"Static convergence" is what the repair manuals called them.

>Pardon my french, but as I remember this was the biggest pain in the a\*\*

and that's what -we- called them.

>(next to pincusion on a color set) adjustment you could try to make. They  
>interact, and just because the lower left of the screen was focused,  
>didn't mean the upper right would be OK. Whatever you do, mark the ring  
>with pencil, and then mark on the CRT where they started.

This didn't always help, I'm afraid. Just the act of moving them changed  
things enough that they couldn't be restored, sometimes.

The good news is that most scopes today, and even years ago, use  
electrostatic deflection - no magnets. (That's why scope CRT necks are so  
long.) My guess (to be corrected as needed by somebody who knows what he's  
talking about) is a voltage is off somewhere, either a regulator circuit  
that has drifted with age or a high voltage source that's off, and may just  
need a simple tweak of a HV adjust pot. Or a new rectifier, or a tube...

We've had several 22xx model scopes at work. They're decent enough for what they do. The 60 MHz unit is OK for medium speed digital and low HF, as well as audio work. Even the focus can usually be made tolerable by turning down the intensity.

Dave

-----  
Dave Hinerman - WD8CIV

-----  
Date: Mon, 14 Jun 1999 23:59:47 -0400  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "Qrp1\_Submit (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [42753] RE: Dipmeter add-on for the MFJ-249/259  
Message-ID: <21E06269B00ED111BE9B00805F6D0FA391D021@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

I bought the MFJ commercial dip coil adapters for my old MFJ SWR Analyzer but found that I really didn't need it for dipping coils particularly toroids. I just loop some insulated hookup wire around the toriod or coil once or twice and attach it to the S0259 connector with alligator clips. You get a nice dip in SWR at the point of freq. resonance. In get as close as possible just reduce the turns or increase the spacing of the hookup wire to the coil being checked. The dip would be as pronounced but it will let you get closer to the real freq. On seeing the max. dip just read the frequency off the LCD display. Works for me. No resistors or caps required just a short piece or wire and two clips.

Sam Billingsley AE4GX Atlanta (Buckhead), GA  
<http://ae4gx.home.mindspring.com/>

-----  
Date: Sun, 13 Jun 1999 20:46:09 -0400  
From: Joe Everhart <n2cx@voicenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [42642] Dipmeter add-on for the MFJ-249/259  
Message-ID: <199906140046.UAA39902@nss4.cc.lehigh.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Group,

Among the cricuits on the G3YCC web page is one attributed to Rev Dobbs, G3RJV for a dipmeter add-on for the aforementioned MFJ antenna analyzers. I built one up per the 'YCC info last night and get absolutely no response!

Has anyone else been able to get it to work?

I also recall an article in QST(?) several years back for such an attachment. Now I \*know\* it is in my back issue pile, but I risk catastrophe if I disturb that mountain of paper. Anybody had experience with that?

72/73,

Joe E., N2CX

-----  
Date: Tue, 15 Jun 1999 04:19:12 -0400  
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>  
To: qrp-l@lehigh.edu  
Subject: [42754] QRP-L CD ver. 2 is a hit!  
Message-ID: <3.0.16.19990615041820.1de72812@som-uky.campuscw.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Guys, this archive CD is great. The alphebetical indexing in the HTML'ed part is very convenient. Thanks to Jeff in MO for burning this one for me. Total turn-around time for the CD - 1 week.

I wonder if anyone is working on a way to parse the Subject: headers in the ascii archives to return a list of messages that contain a particular text string? This would be a very powerful tool. Something, for example, that would return a list of all messages with "CD" in them. Would probably take a lot of time, unless it was performed on a selected month. Just thinking out loud.

Remember that with these CD archives, your comments to the list will definitely out-live us all. Post accordingly.

tu de Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campuscw.net>

"The deadly yellow snow from right there where the huskies go" - Zappa

-----  
Date: Mon, 14 Jun 1999 22:56:52 -0500  
From: Earl Murphy <earlmurf@telusplanet.net>  
To: qrp-canada@lists.gpfn.sk.ca  
Cc: qrp-l@lehigh.edu, larsenp@cadvision.com  
Subject: [42755] CANADIAN QRP SPRING BOUQUET----- DX T-SHIRT  
Message-ID: <3765CF04.320D@telusplanet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang;

CONGRATULATIONS are the order of the day!! To the Flower Station who managed the furthest DX, QRP X QRP contact. Your winner is none other than ""PETER LARSEN (VE6YC)"" ....The contact was LEM (KH6LEM) in Hawaii. To bad Peter couldn't have had (JIM)VK9NS turn his KW down to QRP level, because Peter was on a roll that session. CONGRATS PETER!!

Not many DX contacts in the logs this season, perhaps we were a little late in announcing the side activity, but a nice little added feature for next season again.

I know Peter will be proud to wear that QRP-CANADA T-SHIRT, and tell just how he managed to acquire it :) The T-Shirt is compliments of Mary(WN6HYX) of CHERRY GRAPHICS, Saramento, CA., TNANK-YOU Mary for your contributions in this event, couldn't have done it without you. Just a super job on the certificates also.

The latest is, Mary is printing the certificates this week, so they should be in mail shortly.

72....From Wild @}->--- Country .....Earl(VE6EWM) QRP-C#6 QRP-L#1076

-----  
Date: Mon, 14 Jun 1999 23:49:21 -0600 (MDT)

From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-1@lehigh.edu  
Subject: [42756] HamCom 99  
Message-ID: <Pine.SUN.4.10.9906142308090.18464-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

We all know QRP activities are so neat ... building kits, reading the journals, qrp-1, the contests and sprints, etc. But nothing brings more enjoyment than attending a big hamfest with a QRP program and enjoying the fellowship of fellow QRPers. Friendships you'll never find any better elsewhere in life. If you've never been to one of these affairs you keep hearing about, by all means, make the efforts to attend one. Otherwise, you'll be missing out on one of the very special benefits of being a QRPer and a part of ham radio that sadly is about gone in most other aspects of the hobby ... true fraternity. Ft. Tuthill and PacifiCon are coming up. Make one of those if you can.

And speaking of true, loyal friends ... as many of you have heard, our flight from ABQ to Dallas/Love Field was delayed well over 2 hours due to bad weather, finally arriving after midnight. We left a message with Ed Manual to DON'T pick us up that late, we'll take a taxi. But lo and behold, there was Ed Manual and Glen Reid patiently waiting for us at such a late hour. It was after 1am when they got us to the hotel. Thank guys -- well beyond the call of service.

And as you also have heard, my talk ended up being limited to about 20 minutes due to things running late and being kicked out of the room for another (non-QRP) forum. This was nobody's fault except being a bunch of QRPers having a ball. 120+ QRPers dragged over to the hamfest about 8am, and it was noon time plus before we knew it. It looks nice on paper to have an hour per talk, but in reality, everyone enjoyed the activities so much, the time just flew by. The next thing I remembered it was 5:30 and we were having dinner, then 8pm in the building contest, then 1am and a bunch of us die-hards were still yacking in the QRP room, and almost 3am before Doug and I finally got to our room and promptly crashed. It was a full day, but it still went by way too fast. I was disappointed I was not able to properly present the circuit analysis of regens and audio amplifiers/LM386's, only because many in attendance were building their regens and very interested to find out what made them tick. But I was not mad. You can't get mad at old-man-time ticking along faster than we all wanted.

It's always a pleasure meeting the friends you have made and keep meeting over the years ... and this year's HamCom was very enjoyable for me for the many friends I've made over the years I finally got to meet in person, such as Graham Firth and Tony Fishpool from the "old country," Jim Kortge

who I've learned to admire for his 2N2/40 and worked so closely with in doing the illustrations, Jim Stafford - VP of ARCI, and that other "Arkie" guy - Jay W5JAY of Ft. Smith, AR fame, to mention a few.

I had a great time, and hope you all did too. Thanks to all for your hospitality and friendships. And thanks to Joe and Barabara Spencer, Doc Drake, Chuck Adams, and the other "local" QRPers for all the work and time they contributed to the event. These things don't just "happen."

And finally, it is always so neat to see the handiwork of fellow QRPers. There were everything there from regens to K2's, and everyone of them showed the personality and romance of the builders. What a unique hobby and binding friendships we share.

Next stop ... Ft. Tuthill!

72, Paul NA5N

-----  
Date: Mon, 14 Jun 1999 23:48:48 -0500  
From: Earl Murphy <earlmurf@telusplanet.net>  
To: qrp-canada@lists.gpfn.sk.ca  
Cc: qrp-l@lehigh.edu  
Subject: [42757] [Fwd: Re: CANADIAN QRP SPRING BOUQUET ---- RESULTS---- RESULTS]  
Message-ID: <3765DB30.782F@telusplanet.net>  
MIME-Version: 1.0  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline  
  
Return-Path: <jkpulfer@host.igs.net>  
Received: from priv-edtnps03-hme0.telusplanet.net ([192.168.98.97])  
by priv-edtnps06-hme0.telusplanet.net (Post.Office MTA v3.5.1  
release 220 ID# 0-51631L0S0V35) with ESMTP id net  
for <earlmurf@telusplanet.net>; Sun, 13 Jun 1999 08:41:09 -0600  
Received: from host.ott.igs.net ([216.58.1.2]:3378 "EHLO host.ott.igs.net") by  
edtnps03.telusplanet.net with ESMTP id <41533-27663>; Sun, 13 Jun 1999 08:40:58  
-0600  
Received: from crawford (ttyF11.ott.igs.net [216.58.19.193])  
by host.ott.igs.net (8.9.2/8.9.2) with SMTP id KAA98881  
for <earlmurf@telusplanet.net>; Sun, 13 Jun 1999 10:40:56 -0400 (EDT)  
(envelope-from jkpulfer@host.igs.net)  
Message-Id: <199906131440.KAA98881@host.ott.igs.net>  
From: "Ken Pulfer" <ve3pu@rac.ca>

Organization: Radio Amateurs of Canada  
To: Earl Murphy <earlmurf@telusplanet.net>  
Date: Sun, 13 Jun 1999 10:40:52 -0400  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Subject: Re: CANADIAN QRP SPRING BOUQUET ---- RESULTS---- RESULTS  
Reply-to: ve3pu@rac.ca  
X-Confirm-Reading-To: ve3pu@rac.ca  
X-pmrqc: 1  
Return-receipt-to: ve3pu@rac.ca  
Priority: normal  
In-reply-to: <37632458.E14@telusplanet.net>  
X-mailer: Pegasus Mail for Win32 (v3.11)  
Content-Transfer-Encoding: 7BIT

Spring Bouquet 99 results now on the QRP-Can web site at

<http://www.rac.ca/qrpcan.htm>

73,  
Ken  
VE3PU  
613 225-3108

-----  
Date: Tue, 15 Jun 1999 00:17:08 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-l@lehigh.edu  
Subject: [42758] HamCom/Hall of Fame  
Message-ID: <Pine.SUN.4.10.9906142349360.18464-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
It was indeed my pleasure to graciously accept the ARCI QRP Hall of Fame plaque at HamCom. It is an impressive plaque. But it also had a lot of meaning by having it presented to me through a circuitous path of friends. First, it was presented at Dayton on my behalf by Preston Douglas, who has been a friend for several years, and accepted by Jim Kortge. Jim and I have become good friends via email and the phone over months of working together on the 2N2/40. And I know it carried the spirit of many QRP friends from Dayton. Jim hand carried it to HamCom, where we were finally able to meet in person. It was presented to me at HamCom by my very good friend Doug Hendricks, with Jim Stafford "officiating" representing ARCI.

And it was presented in a room full of friends, after traveling across the country amongst a bunch of friends. This all gave it a special meaning to me.

But I was also taken by the fact that in that room at HamCom, there were several others that have been inducted into the QRP Hall of Fame ... Chuck Adams, Doug Hendricks, Jim Cates and George Dobbs. That in itself was rather humbling. Hall of Fame inductees are those who have made significant contributions to the hobby, and having five in the same room, means those individuals are STILL contributing. I thought that was neat. (Even if Chuck did NOT build a regen!). And I'm confident that the five of us there will continue to contribute to QRP for many years to come.

I'm coming off a very bad year of several personal difficulties, for which my QRP friends have been my sanctuary. I thank you all for your support and friendships. I hope the Hall of Fame plaque also represents the end of that era, and the beginning of a new one, with better things to come. And I'm confident it will be.

72 to all,  
Paul NA5N

-----  
Date: Tue, 15 Jun 1999 00:08:26 -0700  
From: David Kidd <ka7ozo@pacifier.com>  
To: qrp-l@Lehigh.EDU  
Subject: [42759] 6m freq?  
Message-ID: <v03007801b38bab985605@[216.65.146.101]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I now have 6m antennas.....a 6m Ringo on a mast on the roof & a 7 element beam ready for the tower.....but what are the QRP, both CW & SSB, frequencies?

Thanks.

Dave  
KA7OZO



-----  
Date: Tue, 15 Jun 1999 01:42:59 -0700  
From: "Bill Todd" <bill@willapabay.org>  
To: <nwq-1@scn.org>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [42760] Field Day Listings Updated (yet again)  
Message-ID: <000701beb70b\$13659420\$95b5ded1@bill>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello Group -

I added a third page of QRP Field Day listings from around the USA. To make it a little easier to locate a QRP FD operation in your area, I changed the color of the state where these operations will occur, from black to red. Hopefully, this will save all of you some time in finding a QRP group to support.

The only listing that might be hard to support is Rich's (W5RXP) QRP operation on the Johnston Atoll, somewhere in the pacific ocean! Maybe someone will surprise Rich and actually show up! ha ha

CUL, Bill-N7MFB  
<http://www.willapabay.org/~bill>  
ICQ @ 8926298

-----  
Date: Tue, 15 Jun 1999 06:23:06 -0400  
From: mikemo@ibm.net  
To: grudin@pacific.vdbs.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [42761] Re: O'scope help?  
Message-ID: <3766298A.38D13449@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Jeff,  
I'll bet I know exactly what is wrong with your scope. I have owned a 2235 (the 100 MHz version) for over 10 years. After a few years of use mine developed the same problem. I sent it off to Tektronix for repair.

Apparently there was a design problem with some fixed resistors in the focus circuit. They replaced them with a different type of resistor and BAM, fixed. It has been working ever since.

I'll bet Tektronix has a service bulliten that covers this. Call 'em up and ask. Their service is outstanding and they should be willing to help.

BTW, I don't know about what the other guy said, but mine gets a nice crisp trace, not fuzzy at all.

72, de ku4qo

Jeff Grudin wrote:

>  
> A friend has offered to give me his old O'scope. I haven't seen it, but  
> it sounds pretty good. It is a Tektronix 2215A 60 mHz. He says it works  
> fine but the display needs focusing (beyond the knob on the front).

-----  
Date: Tue, 15 Jun 1999 00:30:36 -1000  
From: "Art Neilson, KH7PZ" <art@hawaii.rr.com>  
To: qrp-l@lehigh.edu  
Subject: [42762] OHR WM-2 Wattmeter  
Message-ID: <3.0.6.32.19990615003036.008839a0@pop-server>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

OK guys, I followed the alignment procedure to the letter, my OHR WM-2 is completed and looks very nice. Tested it with my SW40+ using a dummy load. I get 2.5 watts on the OHR WM-2 and 2.75 watts on my Diamond SX-200. How do I know which one is most correct? Guess I could get on 2 meters and find a local ham with a Bird wattmeter who's willing to help me benchmark my OHR WM-2. Anyone have any other suggestions? How accurate is the OHR meter?

/\_\_ ) \_/\_ It is a capital mistake to theorise before one has data.  
 /--/ \_\_ / Insensibly one begins to twist facts to suit theories,  
 / ( \_/ ( \_<\_\_ Instead of theories to suit facts.  
 -- Sherlock Holmes, "A Scandal in Bohemia"

Arthur W. Neilson III, KH7PZ  
Bank of Hawaii Tech Support  
art@hawaii.rr.com  
  
-----

Date: Tue, 15 Jun 1999 11:24:58 +0000  
From: gary.threlfall@littlewoods.co.uk  
To: qrp-1@Lehigh.EDU  
Subject: [42763] Lithium Ion Batteries  
Message-ID: <TFSJBFHI@littlewoods.co.uk>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Hi All,  
Has anybody experimented with Li-Ion batties for  
portable or backpack use ?  
It would be interesting to hear comparisons with  
Ni-Cad, Ni-Mh and gel-cell etc=2E=2E=2E  
Regards,  
Gary - G7TOK

Littlewoods Home Shopping Group Limited

Registered Office

Sir John Moores Building  
100 Old Hall Street  
Liverpool  
L70 1DX

Registered in England No 421258

This message is intended only for the use of the  
individual to which it is addressed and may contain  
information that is privileged, confidential and  
exempt from disclosure=2E If the reader of this message  
is not the intended recipient or an employee or agent  
responsible for delivering the message to the intended  
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distribution or copying of this communication is strictly  
prohibited=2E If you have received this communication in  
error, please notify us immediately by replying to the  
sender and deleting the original document=2E

-----

Date: Tue, 15 Jun 1999 06:30:50 -0400  
From: "wayne reed" <wlreed@viaduct.custom.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [42764] O'scope  
Message-ID: <017e01beb71a\$24145ea0\$844961ce@q7c8d5>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Don't let any body kid you, the then new little scopes were just fine - that is - unless you had worked with the big tube jobs that preceeded them!! They had traces so fine that you could lose them behind the graticule lines! I haven't worked in the lab for years, but was testing at the time they were introduced, great bandwidth and nice size (in their day) but give me one of the old monsters any day.

Sorry for the non qrp bandwidth.

Wayne, k9ne  
wlreed@custom.net

-----  
Date: Tue, 15 Jun 1999 08:02:01 -0400  
From: "Dennis & or Jennie" <denjen92@net-link.net>  
To: <ka7ozo@pacifier.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [42765] Re: 6m freq?  
Message-ID: <000e01beb726\$e15c10a0\$a38e59cf@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

CW 50.060 SSB 50.885 Europe SSB 50.285

Dennis KB8S0J  
<http://www.net-link.net/~denjen92>  
Paw Paw Ham Web <http://www.net-link.net/~katran>  
ICQ # 4413983  
QRP-L# 1928 MI-QRP 1649

-----  
Date: Tue, 15 Jun 1999 08:28:33 -0400  
From: Zack Lau <zlau@arrl.org>

To: qrp-l@lehigh.edu  
Subject: [42766] Re: Six Meter QRP  
Message-ID: <376646F1.B2C9F3F9@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

If you use an 8 MHz IF and triple a 14.06 MHz VXO for the LO,  
you can operate around 50.18 MHz. Doubling a 21.06 MHz VXO  
gets you around 50.12 MHz. 73--Zack W1VT

-----  
Date: Tue, 15 Jun 1999 07:53:10 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: denjen92@net-link.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [42767] Re: 6m freq?  
Message-ID: <3.0.2.32.19990615075310.006a4db8@bosshog.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

6 Mtr QRP ops,

>CW 50.060 SSB 50.885 Europe SSB 50.285

If you look for CW ops on 50.060, all you'll find is beacons. The  
frequency from 50.0 to 50.09 is now used for beacons world wide. Most CW  
ops on 6 show up between 50.09 and 50.1. During contests you can sometimes  
find CW ops from 50.125 up. Also look for DX around the 50.110 DX window.

72/73 Chuck - W5USJ - EM22cv - Rains County - Point, TX

-----  
Date: Tue, 15 Jun 1999 21:56:04 +0900  
From: "Toru Kato" <jg1rvn@inv.co.jp>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [42768] =?iso-2022-jp?B?UVJWIGZyb20GyRCI0kjTyNUI0EbKEIgQVMtMDc5?=  
Message-ID: <001f01beb72e\$7044faa0\$74649dd2@jg1rvn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-2022-jp"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello this is Toru JG1RVN

I am going to go SHIMOJI-island.  
It belongs to Miyako-islands, Okinawa, IOTA AS-079,  
located about 1700km south west of Tokyo, near Taiwan.  
I will fly to there HND-NHA-MMY tomorrow.  
It will take 4 hours flight from Tokyo.

I will take NorCal40A, NorCal20 and IC-706MK2GM.  
QRP freq will be around 7003, 14060, 21060kHz CW.  
If you will find us another Freq, we will running 50W by IC-706MK2G.  
Callsign is JG1RVN/6 (QRP and CW) and Mr.Zaima JA5DES/6 (mainly SSB)  
Antenna is fishing rod (full sized 1/4 wave vertical).  
QRV from JUN-16 14Z to JUN-18 23Z

See you on the air !  
Thanks 72.

-----  
Date: Tue, 15 Jun 1999 12:56:04 +0000  
From: wd8civ@att.net  
To: qrp-l@lehigh.edu (QRP-L Mailing List)  
Subject: [42769] Re: email browsing?  
Message-ID: <19990615125655.PHS444@webmail.worldnet.att.net>

> Turn your hat around and become the company .  
> NOW WOULD YOU WANT \*YOUR\* EMPLOYEES SURFING THE WEB?

Walt,

In some instances, yes. (It really -is- part of my job as a  
design engineer. Instead of waiting days or weeks to get data  
sheets and pricing information, I can get it in minutes.)

Seriously, though, I understand why they've done it, and for the  
most part I approve. For example, a recent search on Altavista  
for "flash memory" turned up some of the most interesting  
sites, many of which would expose me and my company to a  
sexual harrassment lawsuit if I should view them at work.  
(Did I say 'expose'? Oops - poor example.(Grin))

> I'm a liberal Democrat , and hate Republicans ..... he he  
> ( what's a REPUBLICAN ever done for YOU ) Think about it!!

1) Gave birth to me.

- 2) Taught me electronics.
- 3) Hired me when I graduated from college.

Of course, in the interest of equal time, A Democrat has done the following for me:

- 1) Fathered me.
- 2) Taught me radio. (Including the radical notion of reducing power.)
- 3) Paid my way through college.

And since the words "Republican" and "Democrat" don't seem to mean the same things as they used to, I've given up on trying to use them. I prefer the terms "liberal" and "us." (Grin)

Dave, WD8CIV

-----  
Date: Tue, 15 Jun 1999 08:59:52 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [42770] Re: QRP-L CD ver. 2 is a hit!  
Message-ID: <Pine.OSF.3.95.990615085728.7930A-1000000@saturn2.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have four pre-burned CD left! They are going like hotcakes locally.

Shipped to your door and hand delivered to you by a uniformed agent of the United States government for a measly \$10! What a deal.

email me first, please.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Tue, 15 Jun 1999 07:12:15 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@LeHigh.EDU>

Subject: [42771] CANADIAN QRP SPRING BOUQUET----- DX T-SHIRT (fwd)  
Message-ID: <Pine.LNX.3.95.990615071147.27192A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...fyi...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada  
Amateur Radio Stamp Collector "QRP! How sweet it is!"

----- Forwarded message -----  
Date: Mon, 14 Jun 1999 23:06:04 -0600  
From: Earl Murphy <earlmurf@telusplanet.net>  
To: Multiple recipients of list <qrp-canada@lists.gpfn.sk.ca>  
Subject: CANADIAN QRP SPRING BOUQUET----- DX T-SHIRT

Gang;

CONGRATULATIONS are the order of the day!! To the Flower Station who managed the furthest DX, QRP X QRP contact. Your winner is none other than ""PETER LARSEN (VE6YC)"" ....The contact was LEM (KH6LEM) in Hawaii. To bad Peter couldn't have had (JIM)VK9NS turn his KW down to QRP level, because Peter was on a roll that session. CONGRATS PETER!!

Not many DX contacts in the logs this season, perhaps we were a little late in announcing the side activity, but a nice little added feature for next season again.

I know Peter will be proud to wear that QRP-CANADA T-SHIRT, and tell just how he managed to acquire it :) The T-Shirt is compliments of Mary(WN6HYX) of CHERRY GRAPHICS, Saramento, CA., TNANK-YOU Mary for your contributions in this event, couldn't have done it without you. Just a super job on the certificates also.

The latest is, Mary is printing the certificates this week, so they should be in mail shortly.

72....From Wild @}->--- Country .....Earl(VE6EWM) QRP-C#6 QRP-L#1076

-----  
Date: Tue, 15 Jun 1999 08:29:59 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: na5n@rt66.com  
Cc: qrp-l@lehigh.edu  
Subject: [42772] Re: HamCom 99



Message-ID: <E10tsCK-0007gp-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Thanks Paul for the report.

First let me say that Paul is a first class gentleman and is real cool under pressure. He has done so much behind the scenes himself that 99% of the people in the world will never know about. You'll note in his posting that a lot of people don't get too much sleep at one of these things. There is just so much to do and so little time. So be sure to rest up a few days before a meet like this (like we all have everything done ahead of time anyway :-)).

Paul did not mention that a lot of us got to admire his work on the Desert Ratt 2 regen receiver. It didn't win the beauty contest but that was not the point. A very neat/ugly demonstration that for a piece of ham gear to work it doesn't have to be pretty and neat. :-)

Just to look at it and hold it and turn it around in ones own hands was like getting to hold the famous W7EL transceiver that Roy takes around to events, although I think that may have stopped after Roy almost lost the rig overseas in some baggage that got lost/stolen and was later found. Hope that he does take it around.

Again, the whole time that I saw Paul he was surrounded by a group trying to get every ounce of information that they could get for their next project. And the time did fly too fast for all.

And there are the summer months filled with lots of swap meets to come. Everyone on this group as an active QRPer should and needs to get out and do what is done at Atlanticon, Dayton, HamCom, Ft Tuthill, Pacificon, and others. It takes time and some pushing and shoving to get help but it is time well spent and rewarding for all.

As I tell people there are still a large number of QRPers that are "Lone Rangers". They do all their work in the privacy of their home. They don't read QRPP, QQ, and QST. They have some books and parts and they build some very very nice equipment that noone gets to see or hear about. Only at swapmeets and swapfests do you run into them and then only if you have a table or session whereby they see some more QRP stuff and come over. People continually comment that QRP has grown significantly in recent years due to NorCal, QRP-L, and the other visible activities and that may be true to some extent but I think that the people are out there we just have to bring them out into the open --- so to speak.

There are many "lurkers" on QRP-L that have done significant work that many of will never know about. Put it on a web page and let us all know if you can. Bring your work to swapmeets and QRP sessions if you can. We all love to share and look at others works. We all learn something new. You'll often hear someone say, "Hey, now that is a neat idea. Mind if I use that in the next project? Do you mind writing it up for The Quarterly or QRPP?"

So, don't miss a single event if you can possibly make it even for a short period of time. You never know who you'll meet and you may even wind up being the leader of a merry band of QRPers in your local area. As the commercial says, "Just Do It".

Again, congratulations to Paul Harden, NA5N, for his induction into the QRP ARCI Hall of Fame. An honor well deserved to a gentleman who has given and continues to give so much to this wonderful hobby.

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Tue, 15 Jun 1999 08:41:07 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: ka8okh@som-uky.campuscw.net

Cc: qrp-1@lehigh.edu  
Subject: [42773] Re: QRP-L CD ver. 2 is a hit!  
Message-ID: <E10tsN6-0002qV-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Rich,

Thanks for the comments on the CD.

Yes, there is a program called "grep" (generate regular expression) from the UNIX world that has a version available for WinXX, etc. and I'll try to get it on the next release. The problem is that it is a very powerful program that I use daily and I hope that everyone reads the manual on the program. If you remember some keyword, this program will find it in any of the files with the proper command syntax.

I am also working on a Subject list by month that can be looked at with a regular editor and then another file sorted by topic. This for those without browser capability. Someone mentioned to me in email that I could put a browser on the disc, but that takes too much room and browsers get outdated too rapidly. Unless there is a great demand for browser I don't see any reason to include it.

I am glad that you use the ASCII version of the archives. It is my hope that others will use them and they will remain on the disk for all versions. Later they may have to be compressed if I can't get people to quit quoting entire messages. I have considered editing quotes out, but that would amount to censorship and modification of a treasure of information, so life goes on.

The disk exists because of the work and postings of the group at large and for that we are all grateful. Again, I am taking contributions at all times for the next version. This thing has a life of its own.

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Tue, 15 Jun 1999 06:47:02 -0700  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [42774] O'scope Help Summary (Sort of)  
Message-ID: <37665956.EAEB4434@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks everyone for the comments on the Tek O'scope.

It is interesting the range of responses I got. From it is not worth fixing to it is a great little scope. From I would have to replace the power supply, at a cost over that of a new scope, to it just needs a resistor replaced.

I am a little confused, but have some great starting places to begin trying to fix the little guy. Including where to get a service manual, and to contact Tek about a possible design problem in this model and the need to change a resistor to fix.

Thanks again to everyone that replied.

--  
73 de AC6KW <<mailto:grudin@vdbs.com>>  
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----  
Date: Tue, 15 Jun 1999 07:04:37 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [42775] Re: QRP-L CD ver. 2 is a hit!  
Message-ID: <3765FB05.FE4777AA@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Still have some here, too. I plan on taking a stack to Ft. Tuthill next month, so it will be available to the folks up there.

There's a lot of "deja vu" nowadays on this list....a copy of the archives can answer most of the questions that come up from recent subscribers and save bandwidth.

Send requests to:

Roger Hightower, N7KT  
1265 W. Kiowa Circle  
Mesa, AZ 85202

A blank CD, prepaid mailer and label or \$10.00 for the whole deal and it's on the way.

--

73, de Roger, N7KT  
qrp-l #62, NorCal #1099, Zombie #006  
Mesa, AZ 85202

-----

Date: Tue, 15 Jun 1999 07:10:14 -0700  
From: "David L. Brunner" <ke0az@zdnetaimail.com>  
To: qrp-l@lehigh.edu  
Subject: [42776] Coming to Seattle...  
Message-ID: <PNHPNCOOPPJMBAABAA@zdnetaimail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi,  
I'll be in Seattle next week(Sunday thru Friday).  
Is there anything interesting happening  
(hamfests/radio stores/nets/whatever)?

73,  
David  
---

David, KE0AZ  
CQC #6 ; GQRP #10138  
near Denver

Free web-based email, anytime, anywhere!  
ZDNet Mail - <http://www.zdnetmail.com>

-----  
Date: Tue, 15 Jun 1999 15:23:56 +0100  
From: "Frank G3YCC" <[frank@g3ycc.karoo.co.uk](mailto:frank@g3ycc.karoo.co.uk)>  
To: <[aadelma@yahoo.com](mailto:aadelma@yahoo.com)>, "Low Power Amateur Radio Discussion" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>  
Subject: [42777] Re: Indoor antennas  
Message-ID: <007701beb73a\$b6cb1020\$bdea5cc3@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

There could be some useful ideas in my FAQ's re 'balcony' antennas.

...

Frank G3YCC G QRP 042, G QRP Sales Officer.

QRP web page <http://www.karoo.co.uk/g3ycc/>

----- Original Message -----

From: Alan Adelman <[aadelma@yahoo.com](mailto:aadelma@yahoo.com)>

To: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Sent: Monday, June 14, 1999 8:53 PM

Subject: Re: Indoor antennas

> I've tried a few indoor antennas in my 3rd story apartment, but so far  
> the best antenna I've used is the fire escape with an MFJ tuner and a  
> 33 ft counterpoise. I consider anything outside of California to be DX  
> with this antenna and a few watts!

>

> -- Alan WB2ERJ, San Francisco

> ===

> "The wierdness will get you"

>

> -----  
> Do You Yahoo!?

> Get your free @yahoo.com address at <http://mail.yahoo.com>

>

>

-----  
Date: Tue, 15 Jun 1999 15:25:47 +0100

From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: <earlmurf@telusplanet.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [42778] Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET ----- RESULTS----- RESULTS]  
Message-ID: <007a01beb73a\$f801b440\$bdea5cc3@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Is it a good idea to send an attached file to mail to ng's, with all these horrid viruses and worms about.

Just a thought.

Could the file go on someone's homepage, perhaps?

...

Frank G3YCC G QRP 042, G QRP Sales Officer.

QRP web page <http://www.karoo.co.uk/g3ycc/>

----- Original Message -----

From: Earl Murphy <earlmurf@telusplanet.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, June 15, 1999 5:48 AM

Subject: [Fwd: Re: CANADIAN QRP SPRING BOUQUET ----- RESULTS----- RESULTS]

-----  
Date: Tue, 15 Jun 1999 10:01:19 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [42779] Re: DAFFY  
Message-ID: <199906151445.KAA15939@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Chuck, et al,

This is very interesting, but how did you come up with that scarring algorithm? Gonna need to set up a spread sheet to figure it out :-)

I built 17 meters into my HB QRP rig, but have yet to make a contact there. I went home last night and tuned to 17M and checked to see if the G5RV would load. It does, but not perfectly. Called CQ

on and off for a couple of hours, with not even a nibble.

Could hear a little activity, some European stations. It's the wee hours of the morning over there, so not suprising that few were on the air. Guess we'll have to set up the keyer into beacon mode and call CQ over and over until someone decides to answer a weak 1 area station!

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Tue, 15 Jun 1999 14:46:53 +0000  
From: wd8civ@att.net  
To: qrp-l@lehigh.edu (QRP-L Mailing List)  
Subject: [42780] Re: Coming to Seattle...  
Message-ID: <19990615145053.CCHJ444@webmail.worldnet.att.net>

> Hi,  
> I'll be in Seattle next week(Sunday thru Friday).  
> Is there anything interesting happening  
> (hamfests/radio stores/nets/whatever)?

About ten years ago some guys on the Fidonet ham radio echo (equivalent to a newsgroup) told me about a restaurant in downtown Seattle that had a room reserved for hams at lunchtime.

I can't recall the name of the restaurant, but I believe the room was called the W7 Room.

Can anyone confirm or deny the allegation?

Dave, WD8CIV

-----  
Date: Tue, 15 Jun 1999 07:52:09 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [42781] Misc,  
Message-ID: <Pine.SOL.3.96.990615073900.614A-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,



Chuck Adams said:

> Again, congratulations to Paul Harden, NA5N, for his  
> induction into the QRP ARCI Hall of Fame. An honor  
> well deserved to a gentleman who has given and  
> continues to give so much to this wonderful hobby.

> dit dit

For those of you who have not met Paul, just let me second what Chuck has said. Paul is a true gentleman and has done far more for QRP than most of us will ever know!

TunaTin II..... Ed and I managed to make a QSO late Friday night....(that's early Saturday am for those who worry about what happens after midnight!)

I had listened during the "normal" TT II operating hours and heard him once and gave him a 119. But that may have been pushing it a little! But later I heard him at a good 339 and we made the QSO.

This was super to me because I remember when that article came out. I built one and had a heck of a time making it work with the xtal I had but I got it done! Then came the first QSO with it.....from Idaho to the Or coast....I was so excited as I told the XYL.....and we all know about that look I got! :-) Years later when I found out that there was such a thing as a 1000 mi/watt award, I sent the info to Chuck and now have a nice wall hanger.

So I had a good week.....

A good friend recived a much deserved award, I got to work the original TT II and the shake down trip with the new RV trailer and FT100 went well! :-)

Ahhhh, life is good.....

Looking forward to seeing a lot of friends at Ft. Tuthill soon.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Tue, 15 Jun 1999 09:59:56 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: frank@g3ycc.karoo.co.uk  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [42782] List Attachments (Was Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET  
----

RESULTS----- RESULTS]  
Message-ID: <37666A6C.365DEEEE@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Mailing lists, such as QRP-L, are not newsgroups. Most lists have strongly worded "admonitions" to refrain from attachments of any sort, including QRP-L. Use of a cooperative web page is certainly the best course for distributing lengthy files, with pointers contained in appropriate list messages.

Thanks for reminding us, Frank.

72/73, George           AMA 98452           R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Frank G3YCC wrote:

>  
> Is it a good idea to send an attached file to mail to ng's, with all these  
> horrid viruses and worms about.  
> Just a thought.  
> Could the file go on someone's homepage, perhaps?

-----  
Date: Tue, 15 Jun 1999 11:08:06 EDT  
From: PDouglas12@aol.com  
To: qrp-1@lehigh.edu  
Subject: [42783] NA5N, Hall of Famer  
Message-ID: <b8a5bfbb.2497c656@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Guys,

I would be remiss if I didn't note that I am honored to have been Paul Harden's presenter at Dayton this year, and that the chain of possession passed from me to Jim Kortge to Doug Hendricks who presented it to Paul at Hamcomm. It's an honor to even be in that chain, but the best part was being asked for by Paul when he was asked who he wanted to make the presentation at Dayton. Stupidly, I didn't reduce my little speech to writing, and my notes are somewhere or other. But in short, Paul is a class act who is good at at least these diverse fields: author, artist, publisher, printer, electronic guru, ham and friend.

I am glad the plaque has ended its journey and has reached the proper "end user".

: -)

And like Doug, who said it very well, I too lay claim to Paul as my friend.

OK, guys, are you working on your 2N2s?

72,

Preston WJ2V

-----

Date: Tue, 15 Jun 1999 11:43:31 -0400  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [42784] Re: The "Calling Frequency" Problem  
Message-ID: <376674A3.67A2@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bill Jones wrote:

> Here's the bottom line. No matter where you move the "official" calling  
> frequencies you will find someone else is already there.

We ran into the same problem the two times we had to move the CW County Hunter's Net. For years, they were on 14.070 kHz, but had to move twice, down to 14.066 and now to 14.0565.

When 7.040 was selected years back, it was selected instead of 7.060

because 7.060 was, even then, prime RTTY territory. I assume it was felt that QRP CW would better fit in amongst other CW signals, albeit QRO. IMHO, the biggest reason to consider this change is that band useage is changing, and 7.040 kHz is now populated by lots of SSB and digital stations, now more than ever. Last evening, I had most of my operating curtailed by what I believe to be a European or Canadian digital stations, using one of the multi-tone "Hell" mode modulation methods. The station occupied about 2 kHz, with weaker modulation sidebands extending above and below that. At S7, the weak signals I was trying to work were simply gone, for tens of minutes at a time. I actually managed a few QSOs by sneaking in quick signal reports between transmissions with operators on the other end who figured out that we could simply wait it out. If another CW station comes on, even a few tens of Hz away, I can deal with it with filters and mental processing, but these digital signals, on frequency by their own band plan, are simply killing us.

Just my humble opinion, of course.

73,  
Ed Hare, W1RFI

-----  
Date: Tue, 15 Jun 1999 09:54:01 -0600  
From: jaywa5whn@juno.com  
To: qrp-l@lehigh.edu  
Subject: [42785] Chaco Canyon/QRP/Visitors/SES {long}  
Message-ID: <19990615.095413.-992097.0.jaywa5whn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My Wife {WB5LYJ} & I were enroute home on NM State Highway 44 {DM66}, when we had decided to stop by Chaco Canyon and look for a suitable site to set up for the upcoming QRP/QRO SES on June 19 - 20.

<http://www.swcp.com/~n5zgt/n5c.htm>

Judy & I had pulled in front of the Ranger Station {DM66ba} at the south end of the National Park. There was evidently another Amateur Radio Operator parked there. A 3/4 ton pick up with call plates & several antennas {VA3AEK}. Art and I had a nice chat about the area, HF Radios and repeater coverage. Art & his lovely wife were really nice to visit with in the middle of the desert.

Since Chaco is one of the VLF quiet areas, I had packed my portable VLF H field magnetic antenna and receiver. {100's of turns of #22 wire on a 2 feet X 2 feet PVC square with a .1ufd cap across the antenna input fed into a very high gain audio amp}. Warning: You can go stare crazy trying to wind this type of antenna. ;-)

Chaco Canyon is surrounded by several uranium mines {affects the VLF RF noise floor}, it does make for some very interesting listening in the VLF portion of the band. Don't worry, you won't glow in the dark.

While I was standing at the Riconada Pueblo site, a young woman was seated 20 feet away from me in the lotus position. After about 15 minutes, she turns to me, and says "No Ghosts at this site, but there is one angry one in Pueblo Bonito." Hmmm, someone may have been into the cactus juice. ;-) I must of looked strange to her too, with a small headset on, square antenna standing on an ancient site. Chaco has over 400 miles of ancient road bed {30 feet wide, rock and slate, linear paths}. Some of these roads pass by ancient bon fire and burial sites. You can see 2+ feet long markings {linear groove} in the rock which looks like a compass heading. We had decided to investigate one of the paths. WARNING, this is the desert, do not attempt this without water & appropriate desert attire. This is also an astro-archeological site, leave things where they lay. Numerous pueblos sites are purposely left undisturbed {buried} for future non-intrusive investigation. These sites are scattered from Mesa Verde, Colorado, to the south past Zuni, NM.

My Wife & I were sitting next to one of the ancient signal fire sites with a SW-20+ xcvr and a small vertical {shortened trap dipole inside PVC fed with RG-174 suspended by rubber bands inside on the ends}. Very quiet, with Europe & the US East Coast coming through on 20 cw.

We had also found one of the ancient timber sites.

We had seen some of the AZ mascots {scorpions} running around. Hint: don't wear sandals or lay down on the ground very long.

If you hear us on this weekend, please give us a call. We will have a great view of Fajada Butte & Chacra Mesa.

We do hope to see some of you at the Glacier-Waterton Hamfest {1 mile east of Snowlip, Montana} or the AZ State Convention {Ft. Tuthill} in July.

72...Jay, WA5WHN DM65pp Ponderosa, NM

USA

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Tue, 15 Jun 1999 11:02:53 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: art@hawaii.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [42786] Re: OHR WM-2 Wattmeter  
Message-ID: <3766792D.2405D3BF@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Man who have two watches never know what time it is! ;^)

72/73, George            AMA 98452            R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

"Art Neilson, KH7PZ" wrote:

>  
> OK guys, I followed the alignment procedure to the letter, my  
> OHR WM-2 is completed and looks very nice. Tested it with my  
> SW40+ using a dummy load. I get 2.5 watts on the OHR WM-2 and  
> 2.75 watts on my Diamond SX-200. How do I know which one is most  
> correct?

-----  
Date: Tue, 15 Jun 1999 10:32:22 -0600 (CST)  
From: Bruce Rattray <ratttray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>

Subject: [42787] capacitor question

Message-ID: <Pine.LNX.3.95.990615102842.4152A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

A friend of mine showed me a capacitor he has to replace (actually the pieces ;-)) ....we don't know the value so I'm posting the markings on the capacitor in case anyone has an idea or a clue where to go looking ...the markings are "7K560" and right below it is either the number "30" or it's "3D"....any help would be appreciated please.

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada  
Amateur Radio Stamp Collector "QRP! How sweet it is!"

-----  
Date: Tue, 15 Jun 1999 10:34:53 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Frank G3YCC <frank@g3ycc.karoo.co.uk>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [42788] Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET ---- RESULTS---- RESULTS]

Message-ID: <Pine.LNX.3.95.990615103314.4152B-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

It's posted on the Canadian QRP Web Page which is on the RAC web site...and attachments do seem to be "suspect" these days...I can vouch for the originator of the posting...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada  
Amateur Radio Stamp Collector "QRP! How sweet it is!"

-----  
Date: Tue, 15 Jun 1999 17:34:19 +0100

From: "Phinizy, William" <wphinizy@filenet.com>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [42789] Another O-Scope Question..

Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE017A@hq-expo2.filenet.com>

I stumbled onto a good deal on an HP 1740A 100-MHz scope -- good price, exceptionally clean outside, immaculate inside -- and everything seems to work just dandy EXCEPT the delay mechanism doesn't seem to intensify the

display per the procedure described in the manual. I know I'll probably  
\*never\* use that functionality (software developer word) but I just can't  
help looking a gift horse in the mouth..

..anybody familiar with these guys who can offer some insight?

-----  
Date: Tue, 15 Jun 1999 12:33:54 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [42790] No Subject  
Message-ID: <fba648ea.2497da72@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----  
Date: Tue, 15 Jun 1999 12:35:58 -0400  
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
To: rattray@gpfn.sk.ca, qrp-1@Lehigh.EDU  
Subject: [42791] Re: capacitor question  
Message-ID: <v03110706b38c30a12ebe@[132.235.81.110]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>A friend of mine showed me a capacitor he has to replace (actually the  
>pieces ;-)) ....we don't know the value so I'm posting the markings on  
>the capacitor in case anyone has an idea or a clue where to go looking  
>...the markings are "7K560" and right below it is either the number "30"  
>or it's "3D"....any help would be appreciated please.

>  
>...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada  
> Amateur Radio Stamp Collector "QRP! How sweet it is!"

Bruce,

The markings indicate that it is a 56 picofarad capacitor. 560 is  
"56" with no zeros after it. ( 561 is 560pf, 56 with one zero. / 562 is  
5600 pf, 56 with 2 zeros, etc.) Does that value make sense in the circuit  
it is used in?



7K could be a temperature coefficient or manufacturer???

NS80

-----  
Date: Tue, 15 Jun 1999 12:01:25 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@Lehigh.EDU  
Subject: [42792] 1000 mile award  
Message-ID: <11923-376686E5-9658@postoffice-111.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

Texas to Bosnia with 5 watts. Thats a 1000 mile to the watt I think. Who issues a certificate for that ?  
K1ZW

-----  
Date: Tue, 15 Jun 1999 13:37:13 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [42793] BALUN OR NOT  
Message-ID: <2eb8d8fd.2497e949@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In constructing a multiband inverted vee dipole with legs for 80,40,20,17,15M and 50 ohm coax fed is it satisfactory to use the string of ferrite beads type balun at the feed-antenna junction or is a different type required? I am a bit confused as to when a balun is necessary so appreciate your assistance. Alan KB7MBI

-----  
Date: Tue, 15 Jun 1999 19:06:23 +0100  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: <w5yr@swbell.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [42794] Re: List Attachments (Was Re: [Fwd: Re: CANADIAN QRP SPRING  
BOUQUET ---- RESULTS---- RESULTS])

Message-ID: <001801beb759\$c9363d60\$f4ea5cc3@prsat0x1>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

...

Frank G3YCC G QRP 042, G QRP Sales Officer.

QRP web page <http://www.karoo.co.uk/g3ycc/>

----- Original Message -----

From: George T. Baker <w5yr@swbell.net>

To: <frank@g3ycc.karoo.co.uk>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Tuesday, June 15, 1999 3:59 PM

Subject: List Attachments (Was Re: [Fwd: Re: CANADIAN QRP SPRING  
BOUQUET ---- RESULTS---- RESULTS])

> Mailing lists, such as QRP-L, are not newsgroups.

Sorry about that, but still, I personally would be suspect of any  
attachment, especially from someone I don't know. No reflection on the  
sender of the original message though.

Most lists have

> strongly worded "admonitions" to refrain from attachments of any sort,  
> including QRP-L. Use of a cooperative web page is certainly the best  
> course for distributing lengthy files, with pointers contained in  
> appropriate list messages.

>

> Thanks for reminding us, Frank.

>

> 72/73, George AMA 98452 R/C since 1964

> Amateur Radio W5YR, in the 53rd year and it just keeps getting better!

> AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County

> QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

>

>

> Frank G3YCC wrote:

> >

> > Is it a good idea to send an attached file to mail to ng's, with all  
these

> > horrid viruses and worms about.

> > Just a thought.

> > Could the file go on someone's homepage, perhaps?

>

-----  
Date: Tue, 15 Jun 1999 19:07:54 +0100  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: "Bruce Rattray" <rattray@gpfn.sk.ca>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [42795] Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET ----- RESULTS----- RESULTS]  
Message-ID: <002301beb759\$febca1e0\$f4ea5cc3@prsat0x1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Yes I wasn't trying to get at anyone, just a gentle reminder about attachments to emails.

Didn't want to offend anyone.

Cheers

...

Frank G3YCC G QRP 042, G QRP Sales Officer.

QRP web page <http://www.karoo.co.uk/g3ycc/>

----- Original Message -----

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Frank G3YCC <frank@g3ycc.karoo.co.uk>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, June 15, 1999 5:34 PM

Subject: Re: [Fwd: Re: CANADIAN QRP SPRING BOUQUET ----- RESULTS----- RESULTS]

> It's posted on the Canadian QRP Web Page which is on the RAC web  
> site...and attachments do seem to be "suspect" these days...I can vouch  
> for the originator of the posting...  
>  
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada  
> Amateur Radio Stamp Collector "QRP! How sweet it is!"  
>  
>

-----  
Date: Tue, 15 Jun 1999 11:10:19 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: Larry B <ac5ez@webtv.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [42796] Re: 1000 mile award  
Message-ID: <Pine.SOL.3.96.990615110759.1056A-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 15 Jun 1999, Larry B wrote:

> Texas to Bosnia with 5 watts. Thats a 1000 mile to the watt I think. Who  
> issues a certificate for that ?  
> K1zw

Hi Larry,

It's the QRP ARCI that offers that award and the awards manager  
is:

Steve Slavsky, N4EUK.

His email address is:

radioham@erols.com

Send him a note and he will take care of you.

Congratulations!

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Tue, 15 Jun 1999 13:32:53 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: kd1jv@moose.ncia.net  
Cc: qrp-1@lehigh.edu  
Subject: [42797] Re: DAFFY  
Message-ID: <E10twvZ-0004Mn-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Steve et.al.,

The scoring algorithm was created to make sure that someone had to make a lot of contacts to get a low score, etc. I wasn't trying to make a mathematical puzzle out of it, really. During the Tmps study I collected a bunch of data that was not needed and I'll try to put the plot up that I showed at Dayton years ago when we were doing the 30 meter propagation study. It was interesting --- at least to me. :-)

I got on 30M myself last night and worked 4 stations in little over an hour, so 30M was hot. I had been working 17M previously and have some 36 states worked. Got all the hard ones out of the way already. Last contact was in KS, AA0FO.... Neat call. I had been neglecting operating myself, so needed something to get me pumped up again about operating. Building and experimenting take a lot of work, time, energy, and money. Mostly time though.

But the purpose overall is to get guys and girls away from the keyboards. The sunspot numbers and the solar flux numbers are climbing. Everyone and their brother has been moaning about how this cycle is below expectations, etc. Hogwash. Remember the days on this list when we thought a solar flux value of 70 was really something?? And then when it hit 100 we thought the end of the universe had finally arrived. :-) Now it's hovering around 150 and still people are down and out about it. The bands are open, it's just noone is operating. I worked recently a ZL2 on 30M at 2 a.m. Go figure.

As it (the SF) keeps climbing we will find that all the high bands 20 meters and above will start staying open later and later. During the peak of 1957-58 I heard 10 meters open 24 hours a day and 6L6 and a regen receiver could do WAC in 20 minutes and DXCC in 24 hours. It may take another 12 months or so to really see this and I'm not predicting here gang. Just enjoy the fact that the SF isn't around 30 to 40 range.....

I have a sample of the scoring now on the web page from my last nights activities and if you need me to score it, that's fine.

On 17 meters. EVERYONE that has a receiver. I first listen to 18.101MHz for the VE3RAT 1W beacon. It doesn't matter whether

you hear it or not, 'cuz the band may be open to somewhere else and you not hear it. But when the propagation is really good to VE-land I can hear this puppy at 599+ levels and then I know my little .95W will be heard somewhere, if someone has a receiver on the band.

Again, everyone should also have

<http://www.dxlc.com/solar/>

permanently installed in their bookmarks.

I can tell when the posts complaining about 40 meters are coming on the list when the A-Index climbs.... You can tell a lot about what is going on just by watching the graph. Right Paul???? Also there is a lot of historical data over the last few years plotted. It takes some time to look at it but time well spent. IMHO.

As Paul Harden, NA5N, so astutely noted that this is the first solar cycle whereby the entire world that is online can watch the progression of the spots and the values almost instantly from several sources on the Internet. Also, the data is more calibrated and accurately measured which is both good news and bad news.

The good news is that the data is good. The bad news is that there is so much of it. It'll be decades before all the theories are proved or disproved or created about the mechanisms that exist in a complex object such as the sun.

With government and private industry cutting back on some scientific funding we still are gonna find that hams and individuals that collect the data and massage it and work out the mathematics are still going to contribute a significant amount to the body of knowledge of the human race. That is why amateur astronomers discover over 90% of the comets because the large expensive observation instruments are tied up in "deep space" exploration. They are not interested in the local neighborhood all that much. The big bucks are being spent on the big bang.

So with hams operating on the bands and correlating observations with physical data available we can go further to confirm the propagation software and real live data or at least have some fun doing it.

Respectfully submitted for thinking purposes only,

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Tue, 15 Jun 1999 18:37:23 GMT  
From: mwattcpa@earthlink.net (Marty Watt)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [42798] Re: OHR WM-2 Wattmeter  
Message-ID: <37669c79.66445186@mail.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

On Tue, 15 Jun 1999 00:30:36 -1000, "Art Neilson, KH7PZ" =  
<art@hawaii.rr.com>  
wrote:

>OK guys, I followed the alignment procedure to the letter, my=20  
>OHR WM-2 is completed and looks very nice. Tested it with my  
>SW40+ using a dummy load. I get 2.5 watts on the OHR WM-2 and  
>2.75 watts on my Diamond SX-200. How do I know which one is most  
>correct?

What's the error rating on the diamond? The OHR WM-2, based on mine,  
calibrates based on voltages, which can be measured, and is theoretically  
accurate. So I'd tend to trust the WM-2 before the Diamond.

The difference of 250 mW, I'd imagine, is well within the tolerances of =  
both  
meters, which typically have a 5% of maximum scale error rate.

--  
72 es 73 de Marty, N5NW (x-KM7W, KN4BH, N4UYT)

-----=  
-----  
Memphis, Tennessee =  
<http://home.earthlink.net/~mwattcpa>  
VE -- NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid =  
EM55ce  
CODE WARRIOR(c) #29 -- Mobile CW -- "Taking Code on the Road with a =  
Vengeance"  
Member -- Tennessee Contest Group

-----  
Date: Tue, 15 Jun 1999 14:44:54 -0400

From: sergio <sruiz@bright.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [42799] post office..  
Message-ID: <37669F26.C0F368E1@bright.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

there is another keen deal that i found while i was down there..

they have these little boxes that you can get, right next to the priority envelopes.. they are priority boxes, and you can fill them up with as much stuff as you can cram in, for only \$3.20... they are smaller than the envelopes (in area) so i will keep using the envelopes, but you might want to keep this in mind if you need to ship stuff out..

has anyone got their packages yet?

i have sent out 23 so far...

--

---

peace,  
sergio  
<http://www.bright.net/~sruiz>  
"the village buzz"

-----  
Date: Tue, 15 Jun 1999 14:44:53 -0400  
From: Frank Alwine <n1gpy@together.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [42800] 6M Calling Frequencies, Bandplans, etc.  
Message-ID: <37669F25.D598B082@together.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>>CW 50.060 SSB 50.885 Europe SSB 50.285

>

>If you look for CW ops on 50.060, all you'll find is beacons. The  
>frequency from 50.0 to 50.09 is now used for beacons world wide.  
>Most CW ops on 6 show up between 50.09 and 50.1. During contests  
>you can sometimes find CW ops from 50.125 up. Also look for DX



>around the 50.110 DX window.

>

>72/73 Chuck - W5USJ - EM22cv - Rains County - Point, TX

6M QRP Calling Frequencies: I second Chuck's post. 50.060 is horribly outdated as a 6M calling frequency of any kind. This is now the middle of the propagation beacon sub-band. No human has ever operated SSB at 50.885 8-). Seriously, this is too high in the band for SSB operation. At the moment, the North American general calling frequency is 50.125MHz. There's a push to change to 50.200, though. As Chuck said, you'll find CW ops around 50.090 to 50.100 and sometimes above 50.125. Cross-mode contacts (CW>SSB) are quite common in VHF weak-signal work, too.

6M Bandplans: Dangerous ground, here. The existing bandplan for "weak-signal" CW/SSB work is:

- 50.000 - 50.100 Beacon sub-band
- 50.090 - 50.100 general CW (not "official", but seemingly accepted)
- 50.100 - 50.125 DX window - non-NA DX (50.110 DX calling freq)
- 50.125 - 50.400 or so - SSB/CW general operation (50.125 NA calling freq)
- 50.400 - NA AM calling freq.

There's a move afoot to make 50.100 - 50.200 (i think) the new DX window, with a NA calling frequency at 50.200MHz. This has the nearly religious support of SMIRK (Six Meter International Radio Klub) and the Central States VHF Society - and the nearly religious opposition of many other 6M ops. There's some valid arguments for both sides & a lot of passion, and that's all I want to say here. 8-)

One post commented on the "strangeness" of the lack of CW operation in the "CW sub-band". This is because of the acceptance of mixed CW/SSB that is common on 6M & up - and totally foreign on HF. The CW portion of 6M was found to be much more useful for beacons, so that's the way it's used.

I'm not really convinced a 6M qrp frequency is needed - give a call on 50.090-50.100 CW or on 50.125/50.200 SSB or CW and work whomever answers!

72/73 & CU on 6M - Frank KT1VT FN34

-----

Date: Tue, 15 Jun 1999 14:49:03 -0400  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-l@lehigh.edu

Subject: [42801] Re: Tuna Tin 2  
Message-ID: <3766A01F.6E53@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In private email, KA80KH writes:

> Hi Ed. If you get a chance, could you post your tentative  
> operating schedule and frequencies with the tuna tin? Would  
> very much like to work you, but getting a lot of digital stuff  
> on 7040.

Hi, Rich,

It seemed okay to repost this private email; I hope you don't mind.

I, too, have been plagued by digital stuff on 7040, notable that multitone signal. I am patient, though, and if it comes on, I simply wait and try again to complete the QSO. :-)

I should be on this evening, starting at about 2330 UTC, to about 0200 or so, depending on how many I am working. I found another 7040 kHz crystal, so now am on 7039.6 and/or 7038.2, as just measured, although the TT2 does seem to drift a bit. I will also be on tomorrow morning, about 1030 UTC or so, for maybe an hour, and will be on tomorrow night at about 2330 UTC again.

On Thursday, I am heading for Los Angeles until 6/25, and will try to get on mornings and evenings as I can, about 5 AM and/or 8 PM PDT, but I have no idea how effective my station will be from an apartment.

Over the next week and a half, my operating schedule will be a bit erratic, and I may even show up at other times, maybe /6 from the beach or the fishing boat. :-) I will sub to QRP-L from w1rfi@aol.com and try to post any updated schedules next week.

> Alas, I later scrapped my TT for other projects as many  
> restless teenagers used to do.

Alas, indeed. I have yet to work another TT2. :-)

73,  
Ed, W1RFI

-----

Date: Tue, 15 Jun 1999 08:52:33 -1000  
From: "Art Neilson, KH7PZ" <art@hawaii.rr.com>  
To: "Richard Brummer" <obvious@bestweb.net>  
Cc: qrp-1@lehigh.edu  
Subject: [42802] Re: OHR WM-2 Wattmeter  
Message-ID: <3.0.6.32.19990615085233.0088ac90@pop-server>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Richard - Thanks for validating my desire to test my OHR WM-2 for accuracy. Most of the folks who replied to my posting thought 1/4 of a watt doesn't make much difference. If the unit is off by 1/4 of a watt, this will make a huge difference when measuring signals in the milliwatt range. My wattmeter is just like my other test equipment, such as my oscilloscope and freq counter. I want them to be accurate so I can rely on the results they provide. Calibration for accuracy against a standard is the usual way this is done. I just thought I'd get some feedback from others who had the OHR WM-2 and compared it against other meters by posting to the list.

At 12:43 PM 6/15/99 -0400, you wrote:

>Art,  
>  
>Your idea of calibrating the WM-2 against a Bird is about the best  
>(affordable) idea that I could come up with. That's what I would do.  
>  
>If you're having trouble locating something like a Bird, inquire with some  
>of the local repeater groups. That is a very common piece of gear for  
>repeater testing.  
>  
>Go for it !  
>  
>73,  
>Dick K2REB  
>  
>  
>

    /--)     /\_/    It is a capital mistake to theorise before one has data.  
  /--/    \_/    Insensibly one begins to twist facts to suit theories,  
/  (\_/  (\_<    Instead of theories to suit facts.  
                  -- Sherlock Holmes, "A Scandal in Bohemia"

Arthur W. Neilson III, KH7PZ  
Bank of Hawaii Tech Support  
art@hawaii.rr.com

-----  
Date: Tue, 15 Jun 1999 11:54:14 -0700  
From: william h ross <k6mgo@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [42803] Fw: Re: OHR WM-2 Wattmeter  
Message-ID: <19990615.115415.-132483.2.k6mgo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Art, you could do what I did, put your dummy load on the rig, key it and with a RF voltage probe ( IN34 diode and res and cap) use Ohm's law. E squared divided by R.  
72, Bill, K6MGO

"Art Neilson, KH7PZ" wrote:

>  
> OK guys, I followed the alignment procedure to the letter, my  
> OHR WM-2 is completed and looks very nice. Tested it with my  
> SW40+ using a dummy load. I get 2.5 watts on the OHR WM-2 and  
> 2.75 watts on my Diamond SX-200. How do I know which one is most  
> correct?

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Tue, 15 Jun 1999 13:47:49 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: w1rfi@arrl.net  
Cc: qrp-l@lehigh.edu  
Subject: [42804] Re: The "Calling Frequency" Problem  
Message-ID: <E10txA1-0000fI-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Ed et.al.,

I assume that you have like one crystal for the Tuna Tin II, is that correct and that puppy is on 7.040 +/-?

Surely someone in this group has some other crystals at or near that frequency for you to use. If I had one, it'd be in the mail.

I'd vote for 7.035 and 7.030 as previously suggested before. It is getting to be a question of how low can we go? How long before the "others" have pushed us all below 7.025 and we'll all be Extra class?

I'll look for you tonight but my guess is that the QRN in this area of TX will not be pleasant. One of nice things about the higher bands is that the QRN decreases to a tolerable level during the summer months in the northern hemisphere.

dit dit es gl

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Tue, 15 Jun 1999 13:54:40 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: w5yr@swbell.net  
Cc: qrp-1@lehigh.edu  
Subject: [42805] Re: OHR WM-2 Wattmeter  
Message-ID: <E10txGf-0002rY-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

On 15 Jun 99, at 11:02, George T. Baker wrote:

> Man who have two watches never know what time it is! ;^)  
>  
> 72/73, George

... unless both are WWV receivers. (K5FO)

: -)

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Tue, 15 Jun 1999 12:24:31 -0700  
From: "Andreas Junge" <andreas@atltech.com>  
To: <n6mm@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [42806] RE: Six Meter QRP  
Message-ID: <NCBBICGFKJGGDJBAABOAEBODDAA.andreas@atltech.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Band Plan or not, I made a LOT of cross-mode (CW/SSB) contacts on 6M in the range between 50.125 and 50.200 and nobody appeared to be offended by it. I guess there are exceptions for everything :-)

73,

Andreas, N6NU

> One note of caution ... check the band plan for the VHF and UHF bands  
> when operating them. I have never operated much VHF or UHF and I was  
> operating only CW. I soon noticed a SSB signal that seemed to be  
> following me around the band. I sent QRZ? The timing was correct. I  
> said, "Sorry, I cannot copy". More SSB stuff. I elaborated, "I cannot  
> copy SSB". The Sierra can normally only copy LSB when the bandpass is  
> opened up and USB is used on 6m. The SSB operator switched to CW and  
> abonished me for violating the bandplan. I had to ask twice, but he  
> finally advised me as to the "new bandplan" for 6m, namely 50.100 to  
> 50.150 MHz was reserved for a DX window for contacts "outside of North  
> America".

-----  
Date: Tue, 15 Jun 1999 15:53:02 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-1@lehigh.edu  
Subject: [42807] Re: 6M Calling Frequencies, Bandplans, etc.  
Message-ID: <3766AF1E.7C89DFAA@arrl.org>

Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Has the SMIRK bandplan been published anywhere besides their WWW page?  
--Zack W1VT

-----  
Date: Tue, 15 Jun 1999 15:56:45 -0400  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [42808] Re: The "Calling Frequency" Problem  
Message-ID: <3766AFFD.2FE1@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Chuck Adams writes:

> I assume that you have like one crystal for  
> the Tuna Tin II, is that correct and that  
> puppy is on 7.040 +/-?

Well, I am 7.040 +/-, but with two crystals now. I just accurately  
measured  
7.039330 and 7.038060 MHz. I also have crystals near 7.050, 7.032,  
7.021,  
7.020, 7.130 and 7.131 MHz, but want to stick near 7.040 as scheduled.  
If I  
start roaming around the band, folks will have a heck of a time finding  
me.  
:-)

> I'll look for you tonight but my guess is that the  
> QRN in this area of TX will not be pleasant

Give it a go, Chuck; all we need are callsigns and the exchange of SOME  
info  
to be a QS0. We can always save the TT2 ragchew for next January. If  
any of  
those nasty digital stations come on, just hang tight and we can repeat  
when  
the frequency is clear. :-)

73 from ARRL HQ,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
860-594-0318  
w1rfi@arrl.org

-----  
Visit the ARRL Website at <http://www.arrl.org/>. Check out the ARRL members-only website at <http://www.arrl.org/members-only>. Have your ARRL membership number (from your QST mailing label) available the first time you check in. For answers to many technical questions, consult the ARRL Technical Information Service page on the ARRL Website at <http://www.arrl.org/tis>.  
-----

-----  
Date: Tue, 15 Jun 1999 15:56:26 -0400  
From: sergio <sruiz@bright.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [42809] wtb: straight key..  
Message-ID: <3766AFE9.75658A10@bright.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

does anyone have a straight key they would like to sell?

thought i would give someone a chance to clear out a junk box before i went out looking...

please email me privately...

thanks!

--

---  
peace,  
sergio  
<http://www.bright.net/~sruiz>  
"the village buzz"



-----  
Date: Tue, 15 Jun 1999 10:44:09 -0400  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: qrp-1@lehigh.edu  
Subject: [42810] MFJ audio redux--low tech solutions  
Message-ID: <376666B9.CCE02D4@gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

About a year ago, I made some posts about using the amplifier from a cheap computer speaker for MFJ output. The suggestion originally came from John Reynolds, AD4DO. I bought a pair of speakers from COMPUSA for \$10 and used the spkr box containing the audio amp for the project. Last weekend I got around to further tweaking the setup.

The spkr came with a stereo plug to attach to the computer sound card. The stereo plug fit the mono output jack of the MFJ but the MFJ audio was being sent to the dead amplifier channel. Swapped input leads on the amp board and everything worked ok.

The active device in the amplifier is an IC in an 8 pin dip package....probably a 741 or 386. The IC should be able to handle Vcc's of anywhere from 5-15 volts (appx). The speaker amplifier was designed for a 9v supply. I fed it 12 volts and things appeared ok.

After repeated use, I noticed that the amplifier started to self-flagellate (as evidenced by a persistent squealing noise) when the AF gain was advanced. This was noticed when the either the gain on the computer speaker or the gain on the rig was turned up. The self oscillation problem did not appear when I used 9v for a Vcc. My theory is that the higher voltage caused increased amp gain and that, somehow, some of the output was bleeding back into the input. The amp was designed as a stereo amp. I suspect that one possible cause for the feedback may be insufficient isolation of the unused channel.

My solution was to run the circuit at 9v. I designed a voltage divider and drew power across the resistor with the 9v drop. Not sure about how much current to plan for. One of the locals told me that a 741 can handle up to 600ma but 60ma was a more typical draw. I arbitrarily used 1/2 W carbon resistor. Ran the amp for an hour and went off to play Nok-Hockey with the xyl. The amp functioned fb...sounded great with good volume. The dropping resistor, however, was quite hot. I am planning on replacing it with a resistor capable of dissipating 5W. I suspect that this will be the final cure.

SESCOM (www.sescom.com) has an ad in the most recent issue of Electronics Now offering a free sample audio amplifier module (\$2 S&H charge). I requested one...it may eventually wind up in an MFJ rig.

Also repaired the family TV last weekend but that is a topic for another post.

Henry

-----  
Date: Tue, 15 Jun 1999 15:23:16 -0500  
From: "Ed Manuel (N5EM)" <n5em@flash.net>  
To: qrp-l@lehigh.edu  
Subject: [42811] Re: 6M Calling Frequencies, Bandplans, etc.  
Message-ID: <4.1.19990615150018.00a15a60@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I'm not really convinced a 6M qrp frequency is needed - give a call  
>on 50.090-50.100 CW or on 50.125/50.200 SSB or CW and work whomever  
>answers!  
>  
>72/73 & CU on 6M - Frank KT1VT FN34

I concur with Frank's analysis. If you park your rig up in the band somewhere, say 50.3, you might be free from interference to work 2W QRP only, but until we get hundreds of QRP only 6 meter ops, what a bore! If you are not monitoring the lower segment where the masses are, you'll completely miss the openings.

I'd be perfectly willing to "check" a QRP calling frequency somewhere below 50.400 after I know that the band is open - but only to call CQ one or twice before moving back down where the action is if I don't find takers.

Now, if a group of QRPers wanted to put a dedicated rig on a QRP-only (now that's an oxymoron) calling frequency, that would be an interesting idea. In particular, if that was to happen, I'd probably build a dedicated receiver with a squelch and never turn it off. Maybe something like a receiving downconverter working into a homebrew DC receiver with a T-Kits audio squelch. Cheap and sufficient. Even better would be a dedicated CW rig with a beacon Tick (forget which one) that you could kick into the CQ mode when you are actually sitting there ready for a response. It's well and fine to listen for those beacons between 50.0 and 50.09 to start coming in, but that doesn't mean there's a QRP'er there to work.

So, what the world needs now, is a really neat, single board, 2 - 5 watt out transmitter with a sensitive receiver that can be built for around \$50.

As soon as we get the official release of K8IQYs 2N2/6, that and your 2N2/40 will do the job. Ah, to find the SW-06+ Sorry, Dave, couldn't restrain myself.

But don't forget, even with some really cool 2W QRP QSOs, you don't want to spend all your time up in the band. You really want to get down there in all the really exciting stuff that's happening. That means your rig MUST work 50.0 up to around 50.35.

The Houston QRP Club is considering a club project to build 6M AM rigs for just such full-time monitoring (50.4). QRP AM operation counts, too!

Any way you slice it, see you on the magic band.

Ed, N5EM  
n5em@amsat.org  
atv@cq-vhf.com

-----  
Date: Tue, 15 Jun 1999 15:33:33 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: qrp-l@lehigh.edu  
Subject: [42812] MFJ Ladder Crystal Filter Book Review de K5FO  
Message-ID: <E10tyoK-0002BW-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Gang,

At HamCom, I and quite a number of other individuals picked up a copy of the new books from MFJ. This is a review of one of the books. The other to be reviewed later today or tomorrow.

Ladder Crystal Filters  
by John Pivnichny N2DCH

First Edition 1st Printing 1999

ISBN #1-891237-20-9

\$14.95 for the paperback 133 pages

MFJ-3509 MFJ Publishing Company, Inc.  
Starkville, MS 39759  
<http://www.mfjenterprises.com/>

(As of June 15th, this book was not on their web page. It is that new but at least from the web page you can get some ordering information and phone numbers.)

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| 6       | Tunable Filters                       |
| 7       | CW Filters                            |
| 8       | Lattice Filters                       |
| 9       | Programs for Filter Design            |

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References

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This may just be the book for the radio amateur that wants a little more detail on crystals and crystal filters. I am excited by the book in that there are some HB techniques for building test equipment for those that may not already have the necessary lab resources to experiment with crystal filters. And not only the references to the equipment but exactly how to set up and measure the parameters you are looking for.

I went to the Dallas Public Library this morning just to dig up some of the references (there are 40 references to various books and articles that few of us are going to have in our

own personal libraries, but that is why we pay tax dollars for such services) and build the equipment. Nice ride on the DART light rail system and cheaper than going downtown and paying the parking fees....

In chapter 1 he shows you how to measure capacitor Q. This is the first circuit that I will get built. A number of us need to do this and write up findings on caps we have in junk boxes and those supplied in kits just to get some idea of the quality and effects on the final circuit(s). We have seen may a post to QRP-L for non-working circuits that were suspect due to junk box parts.

In chapter 2 the measurement of crystal parameters and what they are. He does the mathematics to show the equivalent circuit for a crystal and test circuits to measure the parameters. A list of references to a signal generator, RF voltmeter, dBm meter, and attenuator. It is these references and schematics that he does not include in the book for space saving items, but maybe we can convince MFJ in the next rev of the book to include some schematics for the HB'ers and those that can't gain access to same reference material(s).

Now I have not gotten far into the book yet. This is going to be one of those books that you don't read through all at one time, but you need to build some stuff and do labs and experiments as go. You will miss a lot of information and understanding if you do it any other way. Just like the Solid State Design Book and RF Design Book you have to build and experiment to gain the information and get a sense of what is really going on.

But when looking at the circuits and other work this has got to be a must have book in libraries of those that like to do research in this area. Again, you can't have too much material in your library. Every author of every book has something new to pass on from their experience and expertise.

I don't have a feel for typos and other errors at this time, but as I and others progress through this book you can be assured that you will be the first to hear about them. :-)

And not only is the material apropos to a lot of what this group does but the price of \$14.95 has got to be a bargain considering the prices we pay for other technical literature. So maybe education isn't all that expensive. :-)

Again, a book recommendation that I would consider if you are looking to learn more about what is going on in the receiver/transmitter filter circuits.

I apologize for not including more in this review, but to do so without doing all the experimentation would be in bad literary style for this reviewer. I could, but I won't..... The book does have some nice filter schematics and response curves for same in each chapter, so there is a lot of information throughout the book. I'd recommend it to anyone at this point and time. Mileage may vary.

Others are encouraged to give their opinions and reviews on this book also.

Again, I am not an employee of any company and not paid for this review. MFJ is in MS and I am in TX, but I do hope someday to visit the plant and that of TenTec also, but that is in TN.

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----  
Date: Tue, 15 Jun 1999 13:55:03 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <art@hawaii.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [42813] Re: OHR WM-2 Wattmeter  
Message-ID: <001b01beb771\$57e58680\$f1424cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> >  
> >Your idea of calibrating the WM-2 against a Bird is about  
the best  
> >(affordable) idea that I could come up with. That's what  
I would do.  
> >

If you are going to compare to a Bird, \*be sure that its  
calibration  
is current\*!

For some reason, Bird wattmeters are given more than their

due reverence.

I have personally gone through three or four that were supposedly in calibration, without finding two that agreed! Finally, I compared them to a an hp Power Meter that was traceable to NIST, and picked the best one.

GL,

John, K6QQ

-----  
Date: Tue, 15 Jun 1999 17:02:17 -0400  
From: "Dennis & or Jennie" <denjen92@net-link.net>  
To: <andreas@atltech.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [42814] Re: Six Meter QRP  
Message-ID: <003201beb772\$5ac0eba0\$4f8f59cf@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Correct me if I am wrong. Band plan or not I thought that CW was allowed anywhere that operator privileges are allowed. As a matter of fact I have been giving CW practice on the local 2 meter repeater and no one has complained.

Dennis KB8SOJ

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Date: Tue, 15 Jun 1999 16:09:25 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-l@Lehigh.EDU  
Subject: [42815] Six Meter QRPers  
Message-ID: <3.0.2.32.19990615160925.006a4a28@bosshog.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRP-L 6ers,

It's great to see all the interest in 6 meters and QRP at that.

Don't get discouraged by propagation ups and downs. That's what makes the Magic Band so interesting. Learn to understand and use the various propagation modes. Don't expect 20 meter type arm-chair contacts and long rag chews.

During strong Es openings, most any antenna will often work. My contacts have included ops using dipoles, TV antennas, scanner antennas, and a length of wire connected to the rig on the ops garage test bench.

Set up here is a Kenwood TS-670 and 4 el beam up 25 ft.

Hope to work you on the Magic Band.

72/73 Chuck - W5USJ - EM22cv - Rains County - Point, TX

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Date: Tue, 15 Jun 1999 17:07:47 -0400  
From: ac4ou@mail3.wilmington.net  
To: qrp-1@lehigh.edu  
Subject: [42816] EPROM for TNC-2 Need firmware  
Message-ID: <199906152111.RAA21208@mail3.wilmington.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Hello.

I need firmware for a TNC-2. It currently has the node firmware and I need to use it for the DX packet cluster. (regular use)

thanks and 73,

Brandon AC40U  
brandon@wilmington.net

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Date: Tue, 15 Jun 1999 16:04:12 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: qrp-1@lehigh.edu  
Subject: [42817] HamCom Badges  
Message-ID: <E10tzI0-00061a-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII



Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

I have the above for the following calls:

WA6EIW, NO5W, WA5KRF, K5UNY, W5HIR, KK5RO,  
N5IS, KR5C, KJ5VW, W5LGO, AF5U

I need your mailing address if you want it. Just email me in format that I can printout and paste on an envelope. No charge for this service.

Doug was kind enough to let me have them for distribution. At least one address I already have and I saw one of the people at HamCom and I guess they missed catching Doug in all the doings going on.

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

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Date: Tue, 15 Jun 1999 14:48:35 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: Dennis & or Jennie <denjen92@net-link.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [42818] Re: Six Meter QRP  
Message-ID: <Pine.SOL.3.96.990615143911.1391K-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 15 Jun 1999, Dennis & or Jennie wrote:

> Correct me if I am wrong. Band plan or not I thought that CW was allowed  
> anywhere that operator privileges are allowed.

Hi Dennis,

You are right. As far as the "Law" goes, but....

Band plans, like the DX window on 160m for example, (and I think the same is true for 6m) are there to give everyone a better chance to work the DX stations when the band "opens".

It's only an agreement between operators. Not all chose to observe things like band plans. (Which I happen to think is sad.)

It's like calling CQ at 30 wpm and having someone call you doing 20 wpm. There is no obligation under law for you to slow down but it is the courteous thing to do.

When the band is not "open" to any DX, no one cares about the DX window. It's when the DX shows up that you need to watch out for.

On 160m that's easy to predict but I have no idea about 6m.

I'm going to be on 6m for the first time in over 40 years very soon and I plan to avoid the DX window.

Hope to see many of you there.

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

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Date: Thu, 17 Jun 1999 23:33:07 -0700  
From: Don Trammell <dtrammel@traveller.com>  
To: n1gpy@together.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [42819] Re: 6M Calling Frequencies, Bandplans, etc.  
Message-ID: <3769E823.5F33@traveller.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Frank Alwine wrote:

>  
> >>CW 50.060 SSB 50.885 Europe SSB 50.285  
>  
> No human has ever operated SSB at 50.885 8-). Seriously, this is too  
> high in the band for SSB operation.

I especially hope that no one in NA is operating at 50.885, that's where the narrow band R/C channels are (00-09, 50.8-51.0 :10 20kHz channels for R/C craft use). I'd hate to see someone killed because the pilot had no control of his craft due to his 1 watt (max., most often 600mw or less) signal being jammed by another ham at a great distance during a propagation peak. Granted, I'm currently flying my planes on the public frequencies for fear of this happening during the upswing of the cycle. I do normally fly there however, and will be returning to those frequencies as soon as the activity level of this cycle starts to wane...

73 & good air,

Don T.            AI4CW            QRP-L#1670            EM64pw

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Date: Tue, 15 Jun 1999 17:41:23 -0500  
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
To: <n1gpy@together.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [42820] Re: 6M Calling Frequencies, Bandplans, etc.  
Message-ID: <005701beb780\$330030e0\$6137a497@aa5tb>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I agree with Frank on the bandplan subject.

Also, when 6 meters opens up with sporadic-E there isn't much difference between QRP and a kilowatt (except the kilowatts talk to themselves a lot). Just get on with your QRP rig and operate. Don't be discouraged if you don't hear much at first. The band can go weeks without a peep and then all of a sudden you can work several states on a wet noddle.

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://home.swbell.net/aa5tb>

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Date: Tue, 15 Jun 1999 17:28:42 -0400  
From: "wayne reed" <wlreed@viaduct.custom.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>, <art@hawaii.rr.com>  
Subject: [42821] Re: OHR WM-2 Wattmeter  
Message-ID: <021401beb778\$8751dc00\$844961ce@q7c8d5>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

A real friend loaned me his Bird Mod. 43 (Thru-Line) with a large number of detectors included. When I went looking for one for HF (QRP of course!) I found there was none. A look at reference material did not reveal one, has that changed??

If you have ever tried making really accurate rf power measurements, you will find that it is one of the more difficult measurements. Fortunately, it does not matter. If you think you are running [say] 0.95 watts, or 950 mw, and in fact you are [horrors!!] running 1.05 watts, the reality of it is that the communication would have had the same results and same signal report at EITHER level.

Wayne, K9NE  
wlreed@custom.net

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Date: Tue, 15 Jun 1999 15:50:21 -0700  
From: Ken Knecht <kenk@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [42822] Homebrew QSLs  
Message-ID: <3.0.6.32.19990615155021.008113c0@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Sort of QRP related.

I downloaded the QSL maker program discussed here a while back. Now I'm trying to find a reasonably priced source of blank postcard stock. The best I can find is \$0.20 a card at Staples in packages of 100. Are there are better prices available?

Also, has anyone been successful in producing nice-looking QSLs with a monochrome printer? It would be pretty expensive in cartridges to print solid color backgrounds with an inkjet. Or so I would rashly assume.

72, Ken W9NPP Yuma AZ

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Date: Tue, 15 Jun 1999 15:52:04 -0700  
From: Norm Melick <henmel@worldnet.att.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [42823] IM-2410  
Message-ID: <3766D914.1915434@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I am repairing an Heathkit IM-2410 frequency counter. One wire from the transformer to the main board is broken off (black with green stripe). I'd appreciate a private e-mail from someone on the list with a schematic and about 10 minutes to help me.

Thanks very much.

Norm/KQ6SD

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Date: Tue, 15 Jun 1999 17:40:16 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: qrp-1@lehigh.edu  
Subject: [42824] DAFFY Scoring is Out  
Message-ID: <E10u0mx-00045A-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Gang,

OK, someone in CA did a simple math example using one contact and beat my current score. OK, no scoring. Just the number of Qs on each band, states, countries, and the maximum power. I'll redo the web page.

The main thing is to keep the bands occupied with tiny signals that go long distances at all hours. See ya on the air.

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qs1.net/k5fo/>

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End of QRP-L Digest 1489

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